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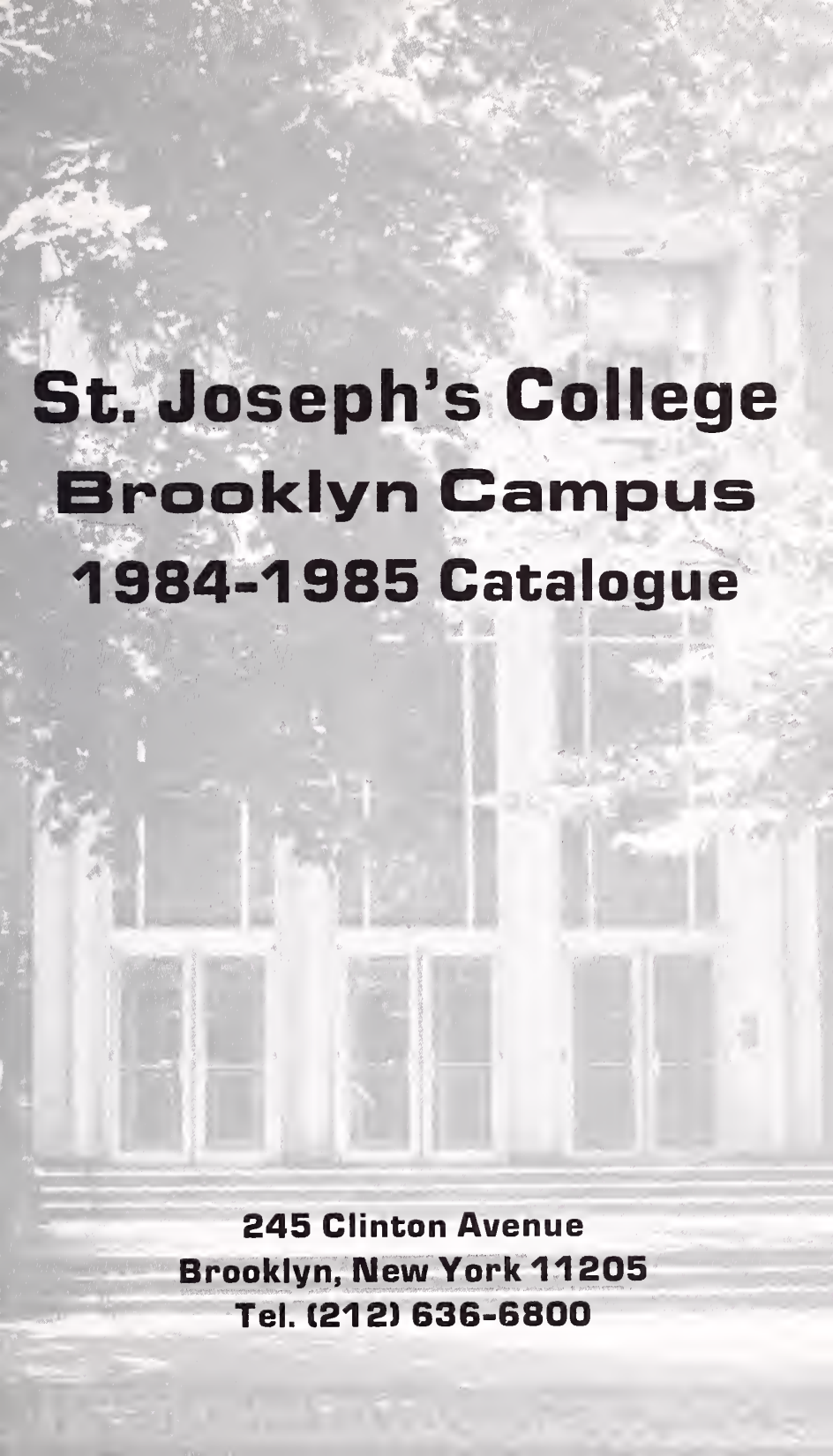
St. Joseph's College

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BROOKLYN CAMPUS
1984-1985 CATALOGUE



St. Joseph's College
Brooklyn Campus
1984-1985 Catalogue

245 Clinton Avenue
Brooklyn, New York 11205
Tel. (212) 636-6800



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Notwithstanding anything contained in this catalogue, the College administration expressly reserves the right, where it deems advisable,

1. to change or modify its schedule of tuition and fees, and
2. to withdraw, cancel, reschedule or modify any course, program of study or degree, or any requirement in connection with any of the foregoing.

NOTICE OF NONDISCRIMINATORY POLICY AS TO STUDENTS

It is the policy of St. Joseph's College not to discriminate on the basis of race, color, religion, sex, national or ethnic origin, age, handicap or marital status in its educational programs, admissions policies, employment policies, financial aid or other school administered programs. This policy is implemented in compliance with Title IX of the Education Amendments of 1972, Title VI of the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973.

ACADEMIC CALENDAR 1984-85

FALL SEMESTER

N.B. Class periods will be 50 minutes (or 75, 150 mins.)

Sept.	4	Orientation for Freshmen and Transfer Students
Sept.	5	Classes begin
Sept.	5-11	Late registration and program changes
Sept.	27	Last day to opt for Pass/Fail
Sept.	27	Last day to opt for 3rd credit in 2 + 1 credit course
Oct.	8	Holiday—Columbus Day
Oct.	10	Monday schedule of classes
Oct.	12	Last day to file for June graduation
Oct.	29	Last day to withdraw from courses
Nov.	22-25	Thanksgiving Recess
Dec.	17-21	Final Exams
Dec. 22-	Jan. 20	Winter Intersession

MINI SEMESTER

Jan. 2-Jan. 18

SPRING SEMESTER

N.B. Class periods will be 50 minutes (or 75, 150 mins.)

Jan.	21	Classes begin
Jan.	21-25	Late registration and program changes
Jan.	31	All Incomplete grades from Fall term due in office
Feb.	8	Last day to opt for Pass/Fail
Feb.	8	Last day to opt for 3rd credit in 2 + 1 credit course
Feb.	18	Holiday—Washington's Birthday
Feb.	19(&20?)	Make-up Exams for Fall Semester
March	14	Last day to withdraw from courses
April	4-14	Spring Recess
May	13-22	Final Exams
		Commencements
June	5	College of Arts and Sciences, Brooklyn
June	6	Division of General Studies, Brooklyn
June	8	Suffolk Campus
July	1	All Incomplete grades from Spring term due in office
July		Make-up Exams for Spring Semester

THE COLLEGE

GOALS OF ST. JOSEPH'S COLLEGE

St. Joseph's College, as an independent, liberal arts, coeducational college, seeks to create a free atmosphere in which students and faculty together can investigate the major areas of human knowledge as the bases for a more effective participation in the contemporary world.

The College attempts to realize this general philosophy by attaining a number of specific objectives. Among these are the following:

to affirm the dignity, freedom and ultimate value of the human person.

to provide an atmosphere for open dialogue, individual attention, innovative teaching, and creative experimentation.

to inspire in students a spirit of inquiry and the joy of learning as an on-going part of their lives.

to prepare students for their life work by providing the necessary professional and preprofessional training.

to provide effective academic programs to adults with diversified professional or educational backgrounds.

to educate students to an awareness of personal responsibility for an intelligent and critical participation in the local and world-wide community.

to utilize institutional resources effectively through cooperative ventures with other institutions of higher learning in the metropolitan and regional areas.

HISTORY

Chartered by the Regents of the University of the State of New York on February 24, 1916, St. Joseph's College for Women, as it was then known, held its first classes at 286 Washington Avenue, located in the Clinton Hill section of Brooklyn. Two years later, having outgrown its original facility , the college moved to the present site of the main campus at 245 Clinton Avenue in Brooklyn. In recognition of its evident success, stability and soundness of program, the Regents granted St. Joseph's College an Absolute Charter in 1929. Reverend William T. Dillon, J.D., Professor of Philosophy, Dean of the College, and later its President, guided its growth during the significant years that followed. The college was accredited in 1928 by the Commission on Higher Education of the Middle States Association of Colleges and Secondary Schools. Maintaining high standards of academic excellence, professional competence, and a notable spirit of community service, the College drew increasing numbers of young women. Having pioneered in the study of Child Development, St. Joseph's opened a laboratory pre-school in 1934.

Sister Vincent Thérèse Tuohy assumed the presidency in 1956. Under her leadership, the long term development program for the college was concretized in the erection of two facilities for the College. McEntegart Hall, a multi-functional building housing the library and classrooms, was opened in 1965; the Dillon Child Study Center followed in 1968.

Sister George Aquin O'Connor was elected President and assumed responsibility on July 1, 1969. In 1970, a Charter amendment changed the name to St. Joseph's College, New York and enabled the College to admit the first men students to full matriculation. On February 2, 1971, St. Joseph's College inaugurated an extension program in the collegiate center formerly known as Brentwood College, and moved to develop a degree program in Brentwood oriented to the third and fourth years of college. This Upper Division baccalaureate program opened in September, 1972, and the Board of Regents of the State of New York authorized St. Joseph's College to join C.W. Post Center, L.I.U., in a Coordinate Campus program, the first such pattern adopted in the State. In 1976 on petition of the Trustees, this Suffolk County operation was authorized by the Regents to operate as a branch campus of St. Joseph's College. In 1978 St. Joseph's College expanded its operation at the Suffolk Branch Campus to a full four-year program, and in 1979 moved to a new twenty-five acre lake-side campus in Patchogue.

A continuing education program, which over many years had provided courses for adults on a non-matriculated basis, in the early 1970's developed a more clearly defined program for non-traditional and/or career-oriented adults interested in earning a degree. In April 1974, the College registered with the New York State Education Department the

Bachelor of Science in General Studies. This program and additional programs designed for adult professionals are administered by the Division of General Studies, with courses offered in Brooklyn, at the Suffolk Branch, and at the extension sites.

LOCATION

The main campus is located in the residential Clinton Hill section of Brooklyn. St. Joseph's College, an urban college with a campus, offers easy access to all transit lines, to the Long Island Expressway, to all bridges in Brooklyn, Manhattan, and Queens, as well as to the Verrazano-Narrows Bridge to Staten Island. This convenient location brings students from every part of the Greater New York Metropolitan area to the College each day, where they enjoy the freedom of campus life while profiting from the many cultural advantages of New York City. Within the space of one half hour, students leaving St. Joseph's College may find themselves in the Metropolitan Museum of Art, the 42nd Street Library, Carnegie Hall and Lincoln Center, the Broadway theatre district, Madison Square Garden, or Shea Stadium.

The College itself stands in the center of one of the nation's most diversified academic communities, consisting of six colleges and universities within a two-mile radius of each other. As a member of the Brooklyn Educational and Cultural Alliance which links these communities, St. Joseph's College offers its students easy access to the other colleges and such cultural facilities as Brooklyn Academy of Music, Brooklyn Public Library, and the Brooklyn Museum.

The Suffolk Campus of St. Joseph's College is located in Patchogue on Roe Boulevard. It is bounded on the north by Sunrise Highway and on the west by Waverly Avenue. It is easily accessible from the south shore locations via Southern State, Sunrise Highway, and from central and northern Long Island via Veterans Highway, Patchogue-Holbrook Road, Nichols Road or Route 112.

FACILITIES-BROOKLYN CAMPUS

The Administration Building—Sister Vincent Thérèse Hall

Named in memory of a late President of the college, the Administration Building contains student lounges, classrooms, an auditorium, computer facilities, an art gallery, the gymnasium and, of course, administrative offices. The Little Theatre, used by the Speech Department, is located on the second floor of the building. The chemistry and physics laboratories, the art studio, seminar rooms and an audio-visual room are on the third floor

"245 Building"

The numeral indicates the address of the original College building, which has traditionally been designated the "245" Building. The parlors, formal dining room, chapel, student lounge and kitchen, and biology instructional and research laboratories are housed in this facility. Parts of the second and third floors are allotted for faculty residence.

Lorenzo Hall

Lorenzo Hall, located at 265 Clinton Avenue, provides office space for the academic departments. Furnished with departmental libraries, the offices are frequently used for department conferences and informal discussions. The psychology laboratory is located on the first floor of the Hall. The administrative offices of the Division of General Studies are situated in this center

McEntegart Hall

Named in honor of a dedicated and generous Trustee and late Bishop of Brooklyn, McEntegart Hall, a fully air conditioned five-level structure, opened on February 8, 1965. Four spacious reading areas with a reader capacity of 306, including individual study units and shelf space for 200,000 volumes on four stack levels, provide an excellent environment for learning. A special Curriculum Library room contains a circulating library of text books, syllabi, and audiovisual materials to support the teaching preparation program at both elementary and secondary levels. In addition, McEntegart Hall houses a computer laboratory, a chapel, eight classrooms, dining areas, and faculty and student lounges. At present the library collection, including the holdings in Suffolk, consists of over 166,500 units and more than 825 current magazine and newspaper subscriptions. Filmstrips, recordings, slides, and pictures supplement the book collection. Among its special services the library includes abstracts of publications of the major fields of natural and social sciences, and a microprint collection, consisting of out-of-print books and journals. The library staff has also entered into special cooperative arrangements with the librarians of nine other institutions of higher learning. The library schedule of services varies with the needs of the students, and is posted in the lobby.

Dillon Child Study Center

An enduring memorial to Monsignor William T. Dillon, late President of the College and founder of the Child Study Department and its Laboratory Preschool, the Child Study Center opened on November 4, 1968. The Center, a modern two-story building, evidences the continued expansion of the College's program and its commitment to the Booklyn community.

The first floor contains an all-purpose room and the offices of the Director, the school nurse, four staff offices and library. Three preschool

classrooms, each with its own observation booth, are located on the second floor, as well as eight rooms for testing, remedial reading, and speech therapy.

These facilities make possible increased service to the community. Local public and private schools send children to St. Joseph's for testing and consultation.

The Center provides for an enrollment of approximately 100 preschool children. The all-purpose room is used for undergraduate courses requiring special materials, seminars, and meetings of larger audiences. The Center also facilitates the growth of auxiliary programs and inter-institutional cooperation with nursing schools, colleges, and other educational agencies.

The Outdoor Theatre

Overlooking the Mall adjoining the main faculty house is the Archbishop Thomas E. Molloy Memorial Outdoor Theatre, dedicated to the memory of the College's first philosophy teacher, later its President.

Suffolk Branch Campus, Patchogue, Long Island

For full description of Long Island Campus facilities, see Suffolk Branch Campus Catalogue.

ACCREDITATION AND MEMBERSHIPS

Accreditation

The College is accredited by the following:

Commission on Higher Education, Middle States Association of Colleges and Schools

University of the State of New York, State Education Department

Membership

The College is a member of many associations, including the following:

American Council on Education

Association of American Colleges

Brooklyn Educational and Cultural Alliance

College Entrance Examination Board

Commission on Independent Colleges and Universities, State of New York

Long Island Regional Advisory Council on Higher Education

National Association of College and University Attorneys

National Association of College and University Business Officers

National Association of Independent Colleges and Universities


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ADMISSIONS AND FINANCES

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APPLICATION PROCEDURE FOR SECONDARY SCHOOL STUDENTS

Application forms for fall and spring semesters may be obtained from the Director of Admissions. Students in secondary school should make application preferably in their seventh semester. The application is not complete until the following credentials have been received by the Director of Admissions:

1. secondary school transcript
2. results of the Scholastic Aptitude Test administered by the Educational Testing Service of the College Board.

Although a personal interview is not required as part of the admissions procedure, candidates are encouraged to arrange for an interview with a member of the admissions staff. Such appointments can be made through the Admissions Office, which is open from 9-5 on weekdays during the academic year.

ADMISSIONS REQUIREMENTS

Admission to St. Joseph's College is an individualized process that utilizes standardized test scores in addition to a comprehensive review of high school performance and recommendations.

Admissions decisions are based on:

1. *evidence of completion of approved high school program; or Equivalency Diploma*
2. *record of subjects and grades indicating academic potential for college success*
3. *satisfactory SAT scores*

APPLICANTS FOR SCHOLARSHIPS AND AWARDS

High School Seniors: The College requires that all forms (SJC application, high school transcript, and SAT results) be received by the Admissions Office before March 15, 1985

SECONDARY SCHOOL REQUIREMENTS

The basic requirements for admission of candidates who have followed a four-year course in an accredited secondary school are listed in the following table. A unit signifies any subject pursued four or five times a week for one scholastic year.

	Prescribed Units
English	4
Languages	2
Mathematics	2
American History	1
Science	1
Electives	6

Electives

Credit will be given for additional work in history, science, mathematics, languages, and accredited courses in music, art, speech, and business subjects.

Mathematics Requirement

While two years of college preparatory mathematics are recommended for admission, three or four years of college preparatory mathematics

are suggested for those who plan to major in mathematics, chemistry, biology, business administration, and for premedical students.

Language Requirement

The College sets as it standard two years of study in one language, or one year of study in each of two foreign languages. Three units of study in foreign languages are advisable for those students who wish to major in a foreign language. Latin is acceptable as one of the languages for admission.

History Requirement

For admission to the freshman class, St. Joseph's College requires one year of American history.

Science Requirement

A one-year course in science on the secondary level fulfills the requirement for entrance to the College. Those students, however, who desire the science major or the premedical course will find two or more years of science on the high school level a better preparation.

EXEMPTION FROM SECONDARY SCHOOL ADMISSION REQUIREMENTS

The Admissions Council at St. Joseph's College is willing to consider the applications of candidates whose college preparation may vary from the prescribed pattern but who give evidence of their ability to do college work. The Council will also consider applications from students who submit evidence of a High School Equivalency Diploma based on the successful completion of the General Educational Development Tests.

EARLY ADMISSION PLAN

This plan is designed for students of high academic standing with a social maturity beyond their grade level. The Admissions Council will consider high school junior students for entrance into the College at the conclusion of their junior year in high school. Basic requisites are high academic achievement, parental approval and very strong recommendations from high school guidance personnel. Students must take the College Entrance Examination Board Scholastic Aptitude Test in the fall of their junior year. This program may be considered only in high schools which offer very strong academic preparation

SCHOLASTIC APTITUDE TEST

Every candidate for admission to the freshman class must take the Scholastic Aptitude Test administered by the College Entrance Examination Board. Requests for the Bulletin of information and application forms should be addressed to:

College Entrance Examination Board
Box 592
Princeton, New Jersey 08541

The scores on the Scholastic Aptitude Test will be forwarded to the colleges listed on the candidate's application. St. Joseph's requires official scores. Our Code is 2802.

PLEASE CONSULT THE GUIDANCE DIRECTOR AT YOUR HIGH SCHOOL FOR SCHOLASTIC APTITUDE TEST DATES, OR CALL THE ADMISSIONS OFFICE AT (212) 636-6868.

NOTE: Students applying for academic scholarships and awards should arrange to take the SAT in the second half of Junior Year or in the first half of Senior Year.

INTERNATIONAL STUDENTS

International students who seek admission should file their applications six months in advance of their anticipated matriculation date. In addition to school credentials, they are required to submit a certificate of health and scores on the Test of English as a Foreign Language. Applicants must have a total score of 500 in order to be considered for admission. The TOEFL bulletin of information and registration form can be obtained in a number of cities outside the United States. The application must be accompanied by an affidavit signed by the person who will be responsible for payment of full tuition and fees in advance.

Admission to St. Joseph's College is contingent upon acquisition of a valid student visa (F-1) from the United States Immigration and Naturalization Service.

ROLLING DECISION PLAN

The Admissions Office will review applications and credentials as they are received. In most cases an admissions decision is mailed within two weeks of receipt of all required credentials.

LIMITED PROGRAM ACCEPTANCE

Students who exhibit college potential, but do not meet general admissions standards, are accepted on a "limited program" basis. They are

enrolled for four courses, or twelve credits, for the first semester and are provided with a faculty advisor to assist in programming. The College assumes that the student will be able to make satisfactory progress at this institution.

CANDIDATES' REPLY DATE

Students who have been accepted for admission should reply by December 1 (for the spring term) or May 1 (for the fall term) to confirm their choice of St. Joseph's. Late applicants will be expected to confirm their acceptance within one week of notification. For acceptance deposit, see Statement of Costs.

PRE-REGISTRATION, PROGRAMMING, AND PLACEMENT

Students are notified in advance of the pre-registration conference dates for the fall and spring semesters. During the pre-registration period for September (fall) entrants, which is usually scheduled in May, the Chairmen of Departments are available for group and individual consultation. Students who are undecided as well as those who have been accepted are encouraged to take advantage of this opportunity to discuss interests and educational goals with the Chairmen. Under their advisement, the students then make their course selections for the fall term.

Students who apply or are accepted after the official pre-registration period, are advised by the Admissions Office of alternate registration dates. Transfer students have individual program conferences with the Registrar.

ADVANCED PLACEMENT

Students who have taken advanced placement courses in secondary school may apply for college credit. St. Joseph's grants advanced placement and credit on the basis of the candidate's score on the Advanced Placement Examination administered by the College Entrance Examination Board and subject to approval of the departmental chairman in whose field the advanced study has been done.

At pre-registration, it is the student's responsibility to inform advisors of any A.P. credit in order to avoid duplication of course work.

Freshmen may also enroll with advanced standing upon presentation and review of an official transcript for college-level work completed.

COLLEGE PROFICIENCY EXAMINATIONS

Matriculated students may apply for credit or placement for the equivalent of St. Joseph's College courses on the basis of their successful completion of examination sponsored by:

1. CLEP—The College Board's College-Level Examination Program (Box 2815, Princeton, New Jersey 08541)
2. CPEP—The New York State Education Department's College Proficiency Examination Program (State Education Department, 99 Washington Avenue, Albany, New York 12201, Room 1924)
3. USAFI—United States Armed Forces Institute (Commission on Accreditation of Service Experiences of the American Council on Education, One Dupont Circle, Washington, D.C. 20036)

Students who wish credit or placement on the basis of any of these exams should have a copy of their scores forwarded from the sponsoring agency to the Registrar of St. Joseph's College. When a decision has been reached, the student will receive written confirmation of the credit or placement granted.

RE-ADMISSION

A student who has withdrawn from the College and who wishes to re-enter must complete an application for re-admission. Applications may be obtained from the Registrar or the Director of Admissions. The decision rests with the Dean.

TRANSFER STUDENTS: POLICIES AND PROCEDURES

Transfer students are welcome at both our Brooklyn and Suffolk Campuses. The College believes that transfer students add a new dimension by bringing fresh ideas and varied experiences.

Whenever possible, students who wish to transfer to St. Joseph's should file their applications at least six months in advance of the expected date of matriculation. Transfer students should request that official transcripts from former colleges, marked catalogues of former colleges and a listing of courses in progress be sent to the Admissions Office, St. Joseph's College.

St. Joseph's College provides for a block transfer of courses, up to 64 credits, for students who have earned an Associate in Arts, or an Associate in Science (with science emphasis) degree in a transfer program at an accredited Community or Junior college.

Transfer credit for an Associate in Applied Science degree varies. An A.A.S. degree in Nursery Education can be transferred with little or no



loss of credit because it will coordinate with our Child Study program. In general, however, the two year programs leading to the A.A.S. degree have been designed for immediate career preparation. St. Joseph 's cannot guarantee, therefore, that it will transfer all or most of the courses and credits earned as part of the A.A.S. degree. The determination rests upon the program followed, the choice of elective courses, and articulation with the major to be followed at St. Joseph's.

Records of students without an Associate degree will be evaluated on an individual basis in accordance with our Transfer Policy.

Prospective transfer students are encouraged to forward their transcripts to the Counselor for Transfer Students requesting an individual evaluation.

If a student transferring to St. Joseph's has an Associate degree, the student is not required to submit a high school record as part of the admissions procedure. This policy also applies to students without an Associate degree who have successfully completed 40-60 credits.

Each student will be given an official Review of Transfer Record, which will indicate courses and credits transferred, and any courses still needed to satisfy the St. Joseph's College Core Curriculum, as outlined in the current catalogue.

Grades earned at other colleges are recorded on St. Joseph's transcripts as "P" to indicate that the grade was acceptable for transfer.

To complete requirements for the Baccalaureate degree, the student is responsible for any core requirements still outstanding; a major of 30 credits; any other requirements of the major; and a total of 128 credits, of which a minimum of 90 must be in the liberal arts for a B.A. degree.

Ordinarily, the minimum residence requirements for a St. Joseph's degree is three semesters, or 48-50 credits. Students who transfer to SJC as juniors are usually expected to complete their course and credit requirements at St. Joseph's College.

For students desiring to matriculate for their senior year, an interview will be required with the Academic Dean as well as with the Director of Admissions to determine the educational desirability of such a transfer.

TRANSFER APPLICANTS FOR SCHOLARSHIPS AND AWARDS

The College requires that all forms (SJC application and transcript(s)) be received before April 15, 1985.

STATEMENT OF COSTS

A remittance of $20 is payable when the application for admission is filed. The application fee is a service fee and is in no case returnable.

Annual Tuition and Fees

FULL-TIME STUDENTS	
Tuition—September to June	$3600 per year
College Fee	$50 per year
Mandated Accident Insurance	$5 per semester
Student Activities	$70 per year*

*This fee is levied by the Student Council for the support of student organized activities.

PART-TIME STUDENTS	
Tuition	$118 per credit
College Fee	
1 to 8 credits	$3 per credit
9 or more credits	$25 per semester
Mandated Accident Insurance	$5 per semester
Student Activities	$10 per semester*

*This fee is levied by the Student Council for the support of student organized activities.

NON-MATRICULATED STUDENTS

Total tuition charges and fees must be paid at registration.

Tuition	$118 per credit
Registration Fee	$20
Insurance Fee	$5 per semester
College Fee	See Part-Time

Special Fees

Laboratory fee (Bio, Chem, Physics, Computer, Psychology - Consult course listing for specific fee.)	$20-$50 per course
Graduation fee	$60
Late Registration fee	$25
Make-up examination fee	$25
Change of program (each form)	$20
Child Study Program fee (Junior Year—Second Term)	$10
Transcript	$3
Identification card	$4

TUITION POLICY

Students accepted for admission must make a tuition deposit of $100 not later than May 1 for the fall semester, or December 1 for the spring semester. The deposit is not refundable, but it will be credited toward the first term's tuition.

Tuition is to be paid in full for the fall semester by August 31 and for the spring semester by January 25. Any exception to this procedure must be arranged in person in the Business Office, and confirmed by a written agreement prior to the dates set for tuition payment.

Students who fail to comply with these regulations will be subject to suspension until the requirements are met.

FLAT-RATE. The flat rate for tuition covers 32 credits per year (an average of 16 per term) for a total 128 credits in eight terms. Full-time students—those taking at least 12 credits—are charged the flat rate of $3600 per year. Mini-semester and Summer Session courses are not included within the flat-rate tuition. Full-time students who take more than 32 credits per year will be charged $118 for each additional credit.

PER CREDIT. Part-time students—those taking fewer than 12 credits—are charged $118 per credit.

Neither a transcript nor a degree will be issued until all financial obligations are settled. The College reserves the right to alter tuition charges and fees when such changes become necessary.

WITHDRAWAL FROM A COURSE OR FROM THE COLLEGE: TUITION REFUNDS

Full-time students who receive permission to withdraw from a single course are not entitled to a refund, unless the withdrawal involves extra credits, paid for by the point. In such cases, the student may ask for a refund of the extra tuition within the first four weeks of the term. Part-time students who withdraw from a course may also apply for a refund.

Withdrawal from the College may entitle a student to a refund of tuition but not of fees.

The percentage of refund in all cases will be determined according to the following schedule:

Withdrawal Effective	*% of Refund*
Prior to beginning of term	100%
Within First Two Calendar Weeks	80%
Within Third Calendar Week	60%
Within Fourth Calendar Week	40%
Within Fifth Calendar Week	20%
After Fifth Calendar Week	No Refund

In the absence of written notification, the date of withdrawal is determined by the Dean.

SCHOLARSHIPS AND FINANCIAL AID PROGRAMS

All matriculating students, including transfer students, may apply for financial aid. Consideration for a scholarship or financial aid from St. Joseph's College is dependent upon making application and receiving official notification of acceptance into the College.

To be considered for a scholarship or any form of financial aid from government campus-based programs or College sources, the student must submit **each year:**

1. Financial Aid Form to the College Scholarship Service, Box 2700, Princeton, New Jersey 08541, designating St. Joseph's College as recipient. Fall entering students should file by February 25 for the coming academic year; Spring entering students by November 15 for second semester of academic year. Renewals for aid should file by April 30. Transfers should file by March 15. Priority will be given to students who adhere to filing dates.
2. Pell Grant application. Use Financial Aid Form *or* Federal Aid Application.
3. Appropriate state applications: i.e., the Tuition Assistance Program (TAP) for New York State residents.

Student Aid Recipients: Rights and Responsibilities

Students who receive financial aid are responsible for finding out the number of credits they must carry/complete each term and the academic standards they must meet and maintain to be eligible for these programs. Students are expected to maintain satisfactory academic progress and be making normal progress toward the completion of degree requirements. Consult current regulations.

Students who receive any federal or state educational funds must attest that the use of these funds will be for education and educationally related expenses. It is the student's responsibility to notify the Financial Aid Office, in writing, of the amounts and sources of any outside aid the student might receive (i.e., tuition reimbursement, private scholarship, etc.). Eligibility for various programs may be affected by a student's previous loan default and/or repayment owed to Pell Grant, SEOG, etc. Upon request, federal and/or state tax forms must be presented for validation purposes.

Transfer students must also have a Financial Aid transcript sent to St. Joseph's from each previous college attended. This is a federal government requirement even if the student did not receive aid from the prior school(s). A student who transfers from one college to another should check with the financial aid office at the new college as financial aid is not automatically transferred.

Any student may request and receive an explanation of how his/her financial aid or refusal of it was determined. Most financial aid awards are based upon financial need as determined by a uniform methodology

of need analysis approved by the U.S. Department of Education. There is, however, a distinction between eligibility for financial aid and availability of funds. Federal regulations mandate that the neediest students must be considered for financial aid first.

Annual Student Budget: 1984-'85

The following estimated costs per academic year at St. Joseph's College are provided to help you in your financial planning.

Full-time tuition is $3600 per year. There is a college fee of $50 per year; a mandated accident insurance fee of $10 per year; a laboratory fee of $20—$50 per course; and a student activity fee of $70 per year levied by the Undergraduate Association for the support of student organized activities. All costs are subject to change.

Average dependent student expenses for "living at home" will be approximately $1100. Books and supplies will be about $240, personal expenses about $590 and transportation about $400.

Student Aid Refunds

Students who withdraw from the college may have to refund a portion of their financial aid back to the program from which it came. This includes students who receive financial aid for personal expenses and who withdraw during the semester. Such students will owe a prorated refund to the fund(s) which generated the personal expense monies for the period they were not enrolled.

The order in which such monies are returned to the fund is: Supplemental Educational Opportunity Grant, Pell Grant, National Direct Student Loan, and institutional aid. In the event the student has a Guaranteed Student Loan, the lending institution would be notified of the date of withdrawal.

SCHOLARSHIPS

Criteria for scholarship eligibility and application procedures are available on request.

Board of Trustees Scholarships

The Board of Trustees of St. Joseph's College awards to entering students three full-tuition scholarships annually on the basis of high school achievement and College Board Scholastic Aptitude Test scores.

Blanche A. Knauth Scholarships

The Blanche A. Knauth full-tuition/partial-tuition scholarships are awarded each year to outstanding female students, in accordance with the terms of the Knauth Estate.

Gilbert P. Murphy Memorial Scholarships
These are full-tuition/partial-tuition scholarships.

Presidential Scholarships
A number of full-tuition scholarships are offered each year to entering students whose academic performance shows promise of above average college achievement.

The Medaille Scholarships
The Medaille Scholarships, named after John P. Medaille, S.J., founder of the Sisters of St. Joseph, are full-tuition/partial-tuition scholarships. Application is made through selected high school guidance offices.

Scholastic Achievement Awards
A number of Scholastic Achievement Awards up to $1800 per year are given to entering applicants who demonstrate academic and personal qualities which would enrich the college community.

The Rt. Rev. William T. Dillion Scholarships
Through the generosity of friends and alumni, these partial scholarships are awarded in the name of a late president of the College.

St. Joseph's College Alumni Scholarships
St. Joseph's College Alumni Association offers scholarships to sons and daughters of alumni. If funding permits, other relatives of alumni are considered. Awards are based on achievement or need. Students wishing to apply must write to: Chairman, Alumni Scholarship Committee, Alumni Office, St. Joseph's College, 245 Clinton Avenue, Brooklyn, New York 11205 before March 15th of the year of matriculation.

Other Scholarships
Through the generosity of friends a number of scholarships are offered to deserving students. Unless special conditions are named by the donors, the only requirement governing the awarding of a scholarship is that the candidates shall have given evidence of high academic promise.

Unless otherwise stated, eligibility for any of the above scholarships or awards is contingent upon application and admission to St. Joseph's College and compliance with those regulations included in the Letter of Acceptance for such scholarships or awards. These regulations are available upon request.

OTHER FINANCIAL AID PROGRAMS

GRANTS

Grants are determined on the basis of financial need, special interests and funds available.

If two or more members of a family are enrolled as full-time students, a $200 per year credit will be applied toward the elder student's tuition.

Bilingual Special Education Grant

St. Joseph's College offers a number of Bilingual Special Education Grants (up to full tuition) to entering bilingual, bicultural (English/ Spanish), academically qualified students majoring in Child Study/ Special Education.

NEW YORK STATE FINANCIAL ASSISTANCE

New York State offers various types of financial assistance to qualified college students who are state residents. It is very important that students seeking such aid obtain full information and meet promptly each application deadline. To receive payment under State student financial aid programs, students must maintain good academic standing. A student who fails to maintain good academic standing (i.e., pursuit of program and satisfactory academic progress) is eligible to apply for a one-time waiver. Consult the Registrar for details.

Tuition Assistance Program (TAP)

Full-time matriculated students who have been residents of New York State for a year may be eligible to receive tuition assistance of $300 to $2700 depending upon the family's net taxable income, the number of full-time college students in the family, and eligibility for varying schedules. Annual application is required.

Regents College Scholarships for Undergraduates

Candidates should seek directions from their high school principal and/or guidance counselor for this $250 per year award.

Child of Veteran Award

Applications may be obtained from high school guidance counselors or by writing to the Corporation. The award is $450 per year.

Child of Deceased Police Officers or Firefighters Award

Applications may be requested from the NYS Higher Education Services Corporation. The award is $450 per year.

Information on all the above may be obtained by writing to the New York State Higher Education Services Corporation, Albany, New York 12255

Tuition Deduction, and the Parents' and Students' Savings Plan (PASS)

New York State resident parents (and others who pay the tuition of their dependent, full-time students) may take a deduction for part of this tuition payment for State and City income tax purposes. Resident parents may also deduct amounts equivalent to payments into a qualified higher education fund. In both cases deductions are from federal adjusted gross income. For further information parents should contact: Department of Taxation & Finance, Taxpayer Assistance Bureau, Building 9, State Campus, Albany, N.Y. 12227.

Rehabilitation

Students who suffer from a chronic illness, emotional problem, or who are physically disabled may be eligible for a grant which would help cover tuition and book fees. Contact the Office of Vocational Rehabilitation, New York State Education Department, Albany, New York 12230.

New York State Post Secondary Education Fund for Native American Students

Further information is available from Native American Education Unit, New York State Education Department, Albany, New York 12230.

FEDERAL PROGRAMS

Pell Grants

These grants, authorized under the 1972 Higher Education Act, are to be funded by the federal government and will provide grants to students of up to $1900 for each undergraduate year. The grants will not exceed the difference between the amount a student and his/her family can be expected to contribute and the total expenses of attending college.

Supplemental Educational Opportunity Grants

The College participates in this federal program authorized under Title IV of the Higher Education Act of 1964. Grants ranging in amounts from $200 to $2000 a year are awarded to students with great financial need in order to help them defray college expenses.

College Work-Study Program

St. Joseph's College is a participant in this federal program authorized in the Economic Opportunity Act of 1964. This program provides part-time employment on campus for students with great financial need in order to help them defray college expenses.

National Direct Student Loans (NDSL)

St. Joseph's College is a participant in the National Direct Student Loan Program established under Title II of the National Defense Education Act of 1958 (P.L. 85-864). This program provides loans for students who demonstrate financial need. Loans range between $200—$1500. Maximum is $6000 as an undergraduate. Repayment of principal and 5% interest starts 6 months after leaving school. Students may possibly qualify for postponement or cancellation benefits.

Guaranteed Student Loans (GSL)

Students may borrow up to $2,500 a year up to a total of $12,500 for undergraduate study. The current rate of interest is 8% for new borrowers. Student loans are currently subsidized by the federal government. Currently no repayment or interest accrues until 6 months after leaving school. Currently a financial needs test must be completed.

Auxiliary Loans to Assist Students (ALAS)

Independent undergraduate students can borrow up to $2,500 per year and $12,500 in total. However, these limits include any Guaranteed Student Loans. While enrolled full-time, students do not have to make payments on the loan principal but must pay the interest. The interest rate is currently 12%, but can vary.

Parent Loans for Undergraduate Students (PLUS)

Parents may borrow up to $3,000 per year for each financially dependent student. The total for each child is $15,000. The amount borrowed in any year cannot exceed educational costs, taking into account all other financial aid received. Repayment begins within 60 days. The maximum repayment period is 10 years. The interest rate is currently 12%, but can vary.

GSL, ALAS, and PLUS applications are available from a bank, savings and loan association, credit union, or pension and welfare fund.

Supplemental Security Income (S.S.I.)

S.S.I. may be available for students who themselves are disabled. Further information is available from the student's local Social Security office.

Federal Scholarship for American Indians

Further information is available from the United States Department of Interior, Bureau of Indian Affairs, New York Liaison Office, Federal Building, Room 523, 100 South Clinton Street, Syracuse, N.Y. 13260.

Other Federal Student Financial Aid Programs

A large number of special-purpose federal programs exist of a variety of types. The most authoritative reference for additional information is: Catalog of Federal Domestic Assistance, Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

VETERANS INFORMATION

Veterans and Children of Deceased Veterans

St. Joseph's College is fully approved by the New York State Education Dept. as well as other agencies for college-level education programs for veterans under federal and state laws. Veterans and children of veterans who qualify desiring to pursue a course of study must present a Certificate for Education and Training.

Information concerning these programs may be obtained by contacting the Veterans Administration Office, 252 Seventh Avenue, New York, N.Y. 10001.

Over 80% of SJC's full-time students receive funds from federal, state, or college sources.




SAINT JOSEPH'S



STUDENT LIFE

In keeping with St. Joseph's objective of educating the whole person in an environment which permits the student to grow through self-direction and responsibility, the administration and faculty have granted the students a high degree of control over extra-curricular affairs. Moreover, the College Governance structure, especially through elected student representation on the College-Advisory Council, encourages students to participate in college policy-making.

The College has a long history of faculty-student cooperation. It is hoped that through the sharing of mutual concerns, ideas, and problem-solving, the community that is St. Joseph's will provide students with emotional maturity so that they will reach their full potential as persons and give leadership in their immediate society and the larger communities of the nation and the world.

The student who is admitted to St. Joseph's College accepts the requirements and regulations stated in the College Catalogue and the Student Handbook, including the statement on Rights and Responsibilities, the Student Code of Conduct, and the Student Grievance Procedures. The College reserves the right to initiate due process for the dismissal of a student who fails to meet these standards.

OFFICE OF THE DEAN OF STUDENTS

The Office of the Dean of Students is the center from which student activities are coordinated and administered. All Student Services are under the supervision of this office.

Student Government

Student power is vested in the Undergraduate Association. The Senate, the legislative body, under the leadership of the Council, supervises all activities of the student body. It approves the annual budget drawn up by the Budget Committee under the chairmanship of the U.A. treasurer and authorizes the expenditure of the remaining funds; it admits new organizations to the Undergraduate Association and approves the constitutions of all clubs and committees under its jurisdiction.

Student Activities

Students at St. Joseph's enjoy the intimacy of a small college and the advantages of the many cultural and recreational facilities of a large metropolitan city. Within the College, clubs and social affairs are initiated by the students according to their interests. Some of the more popular organizations are the Athletic Association, Dramatics, Modern Dance and Photography. Social events include mixers, films, and the annual Awards Dinner Dance.

Credit for Co-Curricular Activities

Students may earn ½ academic credit per semester for a total of two credits toward the degree for participation in Art Club, Modern Dance Club, Chapel Players (Dramatics), and Men's/Women's Varsity Basketball. The Moderator of each activity will provide details.

STUDENT SERVICES

Student services, administered by the Dean of Students, the Director of Student Activities, and the Director of Counseling and Testing, are designed to create a climate in which students while developing academically can at the same time be encouraged to recognize and utilize their potential in every facet of their lives. Each of the services and activities provided is in some way designed to further student development and reflects a conviction that the College accomplishes its educational purpose only when students understand and strive to fulfill their needs and clarify their goals.

Freshman Orientation

Prior to the opening of the fall semester, a time is set aside for the orientation of new students. The program, planned to facilitate the adjustment to college life, includes conferences, course registration, testing, and social activities. This orientation is continued during the semester through the Faculty Counseling Program as well as through occasional lectures and meetings with the academic departments.

Health

To insure that the condition of the health of students does not interfere with their learning and to safeguard the college community from communicable diseases, all entering students are required to file with the Dean of Students by September 1 (for fall semester) and February 1 (for the spring semester) "The Confidential Medical Report Form" signed by a doctor of their choice. (The form is provided by the College.) We further request that students make known any serious disability they may have so that in the event of their sudden illness on campus, we may provide the proper care. This information will not be placed in their permanent records file. It will be available to the Dean of Students or her delegate. Failure to register this information frees the College from any responsibility for special treatment in the event of illness.

The students are mandated to pay a fee for an accident insurance policy. Information as to the benefits and limitations of this policy may be obtained in the office of the Dean of Students. Advice on claims is handled by that office. Further, the College makes available to the students, at their own expense, the Blue Cross Blue Shield of Greater New York College Student Health Benefits Program. Information may be obtained from the Dean of Students office.

Religious Development

A committee on Religious Affairs plans a program of religious activities on campus, Faculty join students in the celebration of the liturgy, in dialogues, lectures, and at other religious experiences. Participation in all religious activities is optional.

The services of campus ministers of different faiths are available.

OFFICE OF COUNSELING AND TESTING

Through individual interviews the students are assisted in understanding themselves, in evaluating their potentialities, and in planning their college course in the light of past achievements, vocational and personal interests and special aptitudes. Every student may consult this office as often as his or her needs and interests demand. All freshmen

are scheduled for an interview during the first semester. Personal counseling is available on a self-referral basis. Confidential meetings with the student are designed to promote personal growth and the development of effective coping skills. Referral services are made available when a need is indicated or a request is made.

Academic Counseling

Although the Academic Dean is primarily responsible for the supervision of the academic climate and development of students, academic counseling is also shared by chairmen and members of the departments, the faculty advisors, and the Office of Counseling and Testing. Each student is assigned to a faculty advisor. The Committee on Academic Development also gives attention to each student. Because St. Joseph's is a relatively small college, this individual attention is possible.

Testing

Testing is coordinated in the Office of Counseling and Testing. An individual may request interest, personality and aptitude testing. The results of all testing will be discussed with the student and are considered confidential.

Graduate Study Information

The Office of Counseling and Testing serves as a resource area for graduate catalogues, program offerings, and grant information. Consultation is available here as well as through Departmental Offices.

Career Counseling

Career counseling is undertaken in conjunction with the departments. Career information is kept current and is available to students through this office.

The Director of Counseling and Testing offers two one-credit courses in career education open to all students. Full descriptions of the courses may be found in the Career Education section following the Education Department listings.

Placement

Requests for full and part-time employment are handled through the Office of Counseling and Testing. Guidance is given students regarding job application and placement.

ACADEMIC LIFE

The administration and faculty recognize the college years as particularly crucial in the personal development of each student. A strong liberal arts program provides a humanistic reference point from which students can explore contemporary issues, urban affairs, and career opportunities. Through the study of influential ideas and actions, and through interchange with faculty and other students, each student has the opportunity to grow not only intellectually but as a total person. The synthesis, of course, rests with the student.

Students are encouraged to take advantage of the opportunities in a small college for extra-curricular involvement and committee participation, as well as for ongoing dialogue with faculty in the major department. In this way, students can help to create the ambience of their academic lives.

The academic year consists of the fall and spring semesters, and optional summer session and mini-semester in January. The Calendar appears at the beginning of this catalogue.

DEGREE PROGRAMS

St. Joseph's College offers the following degree programs, which are registered with New York State Education Department.

BACHELOR OF ARTS in Biology, Chemistry, Child Study, English, French, History, Mathematics, Psychology, Social Science, Spanish, Speech. Students applying for the B.A. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, a least 90 of which must be in the liberal arts. Those who wish to teach on the elementary or secondary level will also follow the programs approved for teacher certification. (Bachelor of Arts in Human Relations is offered at the Suffolk Campus.)

BACHELOR OF SCIENCE in Biology, Chemistry, and Mathematics. Students applying for the B.S. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts. Those who wish to teach on the secondary level will also follow the programs approved for teacher certification.

BACHELOR OF SCIENCE in Business Administration. Students applying for the B.S. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts.

BACHELOR OF SCIENCE in Recreation. Students applying for the B.S. in Recreation must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts. At present, this program is offered only at the Suffolk Campus.

BACHELOR OF SCIENCE in General Studies, Community Health, and Health Administration. The Division of General Studies administers these degree programs, designed especially for adults with non-traditional academic backgrounds or with professional training and experience. Of the 128 credits required for the degree, at least 60 must be in the liberal arts.

For details, contact the General Studies Division at either of the following:

St. Joseph's College
245 Clinton Avenue
Brooklyn, N.Y. 11205
(212) 622-4690

or

St. Joseph's College
Suffolk Campus
155 Roe Boulevard
Patchogue, N.Y. 11772
(516) 654-3200, Extension 135

For all degrees, a cumulative index of 2.0 is required, as well as an index of 2.0 in the major (higher, if so indicated by the major department.)

CORE CURRICULUM

The academic departments in the College represent the areas of human knowledge and culture which are essential for a liberal education—that is, for free men and women who must assume responsibility for directing their own lives and contributing to national and international decisions. By grouping the departments under three broad headings, we have indicated the relationships of the various disciplines. To ensure some understanding of the values of each of these areas, we require all students to offer a core of courses for the degree, according to the following general plan. These courses may be taken at any point during the first three years at which the student feels most ready or at which he recognizes the need. The core must be completed before senior year.

Since the College-wide Planning Day in January 1983, the faculty and Chairmen of Departments have been engaged in a careful study of the purpose and effectiveness of the Core Curriculum. At the conclusion of this study on the Planning Day on March 14, 1984, the faculty continued to emphasize the need for a broad general education—what we call the Core Curriculum.

The *Core Curriculum* should have breadth and balance.

Breadth: The primary effort is to ensure that students have some understanding of all major areas of knowledge. Core courses serve as an entry into a discipline and provide understanding of the scope and methodology of the discipline.

Balance: The faculty have emphasized the need for balance in the curriculum by designating a given number of courses to be taken in each of the major divisions.

By a series of votes on March 14, 1984, the faculty broadened but did not lessen the requirements of the Core Curriculum. We will continue to require the same number of courses and credits in the core. The faculty

have, however, provided a little more flexibility without lessening our commitment to general education. Each Department will designate the courses which may be offered for the Core Curriculum.

HUMANITIES

All students will take EIGHT courses in the humanities; at least SIX of the following subject areas must be represented:

Art
Classical Studies—civilization, literature in translation
English or American literature
Modern language and literature—French, Italian, or Spanish, in the original or in translation.
Music
Philosophy
Religious Studies
Speech

N.B. 1) Students who take one of the prescribed core courses in Art and/or Music may also offer one studio course in art and/or music toward the Core Curriculum.

2) The following courses may be offered toward the general Humanities requirement of the Core Curriculum (but not toward the required six areas):
Humanities 101—Ascent of Man
Humanities 102—The Cathedral of Bourges
Dance 101—Modern Dance

Other requirements:
1 course in English composition, including term paper techniques
2 courses in Physical Education during the first two years of College. One of these must be a sports activity; the other may be a course in Modern Dance. Students who choose Dance 101 may offer it both for the general Humanities requirement and as a Physical Education course. Upper Division transfer students are not required to take physical education.

HISTORY AND SOCIAL AND BEHAVIORAL SCIENCES

Three courses representing THREE areas:
1 in the field of history
2 from the Social and Behavioral Sciences
Anthropology
Economics
Political Science
Sociology
Psychology/Child Psychology

NATURAL SCIENCES AND MATHEMATICS

Three courses including:
1 in a laboratory science (biology, chemistry, physics)
1 in mathematics (not a computer course)
1 in either mathematics (including computer) or science (not necessarily laboratory)

Students who plan to major in one of the sciences or in mathematics should take, in freshman year, the introductory courses which will prepare them for the sequence required within the major.

ADDITIONAL COURSES

All students will take TWO additional courses. These courses may be taken in the same curricular division or in different divisions (i.e., in Humanities, History and the Social and Behavioral Science, and Natural Sciences and Mathematics).

No student may offer more than THREE courses in any one area to satisfy the core curriculum requirements (for example, no more than three courses in art or history or biology or mathematics).

This new core curriculum was published and implemented in March 1984. In cases in which the changes would work to the disadvantage of students, those students may follow the requirements of the core curriculum in place at the time of their admission to SJC. Students must complete either the new or the old core curriculum; they may not take some elements from each.

MAJORS

Each student develops depth by choosing one of the major academic areas for intensive study. Under the guidance of the Chairman of the Department, the student will select courses for a total of at least 30 credits in accord with departmental requirements. (N.B. In some instances, courses offered to satisfy the core requirements may also be offered toward the major.)

ELECTIVES

In addition to the core curriculum and major area, students also choose courses which support their majors, broaden their interests, or advance their educational and career goals.

PLANS OF STUDY

Liberal Arts Programs. A broad general education, including core curriculum, major field, and electives, is still considered the best possible preparation for life. The intellectual skills involved help the student to develop the adaptability needed in a rapidly changing society. This educational program may be combined with career orientation for one of the following professions:

Medicine and Dentistry

Those students who are interested in applying to schools of medicine or dentistry are advised to meet the requirements of the American Association of Medical Colleges or the American Dental Association. The basic requirements of these schools include one year each of English, general biology, general chemistry, organic chemistry, physics, and mathematics. Some schools have other specific requirements. Although any major is acceptable if these requirements are met, pre-medical students are usually advised to major in biology or chemistry in order to assure the firm foundation in the sciences which will be required in their future work. They will be assisted by the Health Professions Committee in planning their program in the light of their individual interests and of the schools to which they intend to apply.

Nursing and Other Health-Related Professions

A two year pre-nursing program is available to students who wish to prepare for admission to the Bachelor of Science in Nursing program at Downstate School of Nursing. Students in this program complete 64 credits including two semesters of Biology, two semesters of Chemistry, four courses in the Humanities, two courses in English, including composition, two courses in Psychology, two courses in Sociology, and one course in Micro-biology.

Students who wish to attend schools of nursing other than Downstate are guided in their selection of courses by the Pre-Nursing advisor.

Two year programs preparatory to the pursuit of physical therapy, occupational therapy, and other health related professions are also available. Special advisors assist students in these programs in their course selection.

Business

For students who plan to enter the world of business, there are two possible routes. The first is to major in Business Administration for the B.S. in Business degree. The second route is to major in one of the liberal arts or sciences (e.g., Social Science—Economics, Chemistry, History, Mathematics, etc.) for the Bachelor of Arts degree and to take an additional sequence in Business. The Chairman of the Business Administration Department advises students planning a career in business. (See certificate programs, pages 152-154.)

Teaching

Elementary and Special Education (Plan B[1]). A liberal arts course of study including the core curriculum, the Child Study major, the area of concentration, and electives, for students who wish to prepare to teach from nursery school through the sixth grade level (N-6) with the possible addition of special education. To follow this program, which has been approved for teacher certification in both areas by the New York State Education Department, students should elect Child Study as a major before the completion of the freshman year. At the same time, they should choose an area of concentration of 21 credits (English, French, History, Mathematics, Psychology, Science, Social Science, Sociology, Spanish, Speech).

This plan, which is under the direction of the Chairman of the Child Study Department, provides students with the opportunity for observation and practicum experiences in the Dillon Child Study Center, and for student teaching at the elementary level and in special education.

Secondary Education (Plan B). A liberal arts course of study, including the core curriculum, the major, and electives for students who wish to prepare to teach on the secondary level (grades 7-12). They follow a program which has been approved for teacher certification by the New York State Education Department. The sequence of courses, including student teaching, necessitates that students select this plan early in their college careers. This plan is under the direction of the Chairman of the Education Department.

Library Work

Any liberal arts major prepares for graduate work at an accredited library school. For specific requirements, consult the catalogue of the graduate school of your choice.

Law

Students interested in studying law may select any major which will assist them to develop their capacity for comprehension and expression in words, for critical understanding of the human institutions and values with which the law deals, and for creative power in thinking. A Pre-Law Committee advises students.

Social Work

Those desiring social work as a career often choose Sociology or Psychology as a major. However, no specific major is required for admission to graduate programs as long as there is a concentration in the behavioral and social sciences. Within the Sociology Department, there are two courses which are recommended to interested students. One is an introduction to the field of social work, and the other is a supervised field experience in a social work setting. With a liberal arts background, graduates can qualify as case aides or case workers in many different settings such as probation, social services, and youth services. While employed as case aides, students often pursue graduate study in order to qualify as social workers.

Other Fields

The Chairmen of Departments will discuss with students career opportunities related to their subject areas.

ACADEMIC ADVISEMENT & PROGRAMMING

Much of the success of our academic program stems from the interest of the faculty in the individual student. Opportunities are provided in the spring term for prospective freshmen to discuss their interests and possible majors with the Chairmen of Departments before drawing up their programs. Conscious of the diversity and individualization in high school programs, the Chairmen guide these students in choosing courses which will best articulate with their high school backgrounds. During the freshman year, all students are assigned to an academic advisor—one from their major field if that is known, or an exploratory advisor if they are uncertain about their plans. Freshmen meet their advisors at least four times during the year to discuss their academic and career goals and to consult regarding their choice of courses at registration

The Registrar issues bulletins concerning the procedures and dates for declaring the choice of a Major and Plan. Once students have

declared a major, the Chairmen of the Major Departments become their chief academic advisors. (For Change of Major or Plan, see Academic Policies.)

Although Chairmen and faculty members are always willing to discuss educational goals and progress with individual students, all undergraduates are responsible for following the directives issued by the Registrar concerning the formal period of advisement, pre-registration, and programming. At these times, students should consult the Chairmen of Departments and Directors of Plans about their choice of courses for the following term.

COURSE LOAD. Full-time students may carry sixteen credits per term. Students beyond freshman year may take up to eighteen credits with the approval of the Major Chairman. For more than six courses or eighteen credits in one semester, the permission of the Associate Academic Dean is required (See Tuition Policy, page 19-20.)

PASS/FAIL OPTION. To encourage exploration and experimentation in curricular areas, the faculty has provided that juniors and seniors may take ONE COURSE PER SEMESTER on an Index-Free basis (i.e., the grade is not computed in the index).

Courses required either by core curriculum or by the student's major department or area of concentration may not be elected on this basis. Students may have the first three weeks of the term in which to indicate that they wish to take this option. No changes, either to Pass/Fail or back to letter grade, may be made after that time. Grades assigned are P or U (Pass or Unsatisfactory). Students who achieve an A- (90% or higher) may receive PH (Pass with Honors).

INDEPENDENT STUDY. Certain courses, indicated in the department offerings as 2 or 3 credits, lend themselves to guided independent study. Because the requirements for the additional credit change the scope or depth of the course, students must register the option by the end of the third week of the term.

Several introductory courses provide opportunities for interested students to do independent work. Some advanced courses are structured to encourage students to work independently on individual research.

AUDITING COURSES. Matriculated students may audit courses with the consent of the instructor and the permission of the Associate Academic Dean. Non-matriculated students pay the regular tuition for this privilege. No credit is given for audited courses, and no records are kept.

ACADEMIC POLICIES

ATTENDANCE. Students are expected to attend regularly and punctually all classes in which they are registered. Because active participation is considered vital to the educational process, class work constitutes 2/3, and the final exam 1/3, of the grade in the course. Students who must be absent for an extended period of time are urged, therefore, to contact the individual professors or the Associate Academic Dean concerning classwork, assignments, and announced quizzes.

At the same time, the faculty recognizes that on occasion students cannot be present. Because the faculty has confidence in the maturity of the student body and recognizes the personal growth which comes through responsible freedom, the faculty has vested all members of the student body with personal responsibility for their attendance.

The faculty wish to emphasize, however, that students are equally responsible with them for creating a climate of inquiry and sharing. True education results only from active involvement in the learning process.

CHANGE OF MAJOR OR PLAN. A student who wishes to change major or plan must obtain, on a form furnished by the Registrar, signatures of the Chairmen of Departments involved, and of the Associate Academic Dean. Change of major or plan should be effected before the period of programming for the following term.

CHANGE OF PROGRAM. Once programs have been filed with the Registrar, students may make changes only after consultation with their Advisor and with the Chairmen of the Departments concerned. Students will not be permitted to enter courses after the first week of the term. A fee of twenty dollars is charged for each change of program and a fee of twenty-five dollars for late registration. (When the change is initiated by the Committee on Academic Development, there is no fee.)

WITHDRAWAL FROM COURSES. A student who wishes to withdraw from a course in which he or she is registered, should obtain the official form from the Registrar, and follow the procedure outlined. Ordinarily, withdrawal may take place up to the midpoint of the term; thereafter, only for a most unusual reason and with the approval of the Associate Academic Dean. A fee of twenty dollars is charged. For students on the flat rate, no tuition refund will be made. (See Statement of Costs.) Students are advised to investigate the implications of withdrawing from courses on their eligibility for financial aid.

A student who does not withdraw officially from a course continues on the class register and must satisfy the requirements of the course.

COURSES AT OTHER COLLEGES. Matriculated students who have reason to take courses for credit at another college, should obtain from the Registrar's Office a form for Extra-Mural Study and follow the directions. The procedures include consultation with the appropriate Chairmen of Departments and the approval of the Associate Academic Dean. The College reserves the right to limit the number of such courses. Upperclassmen may not take courses at Junior or Community Colleges.

When the courses have been completed, students are responsible for having an official transcript sent to the Registrar. Although the grades are not entered on the transcript nor included in the cumulative index, no credit will be allowed for a course with a grade below C-. (For Transfer Student Policy, see Admissions.)

ACADEMIC STANDING. St. Joseph's College accepts for matriculation only those students whom the Admissions Council believes capable of completing the requirements for the degree. Since students may experience difficulty at some point, however, they should consult, early enough in the term for practical assistance, the class instructor and/or the Chairman of the Department, the Director of Counseling, their Academic Advisors, or any other faculty members. Students are advised to investigate the implications of academic standing on their eligibility for financial aid.

Satisfactory Progress is ordinarily represented by an index of 2.0. Students with indexes below 2 are evaluated by the Academic Development Committee. Basing their judgment upon the students' tested potential, previous academic background, and calculated estimation of improvement, the Committee may permit students to continue in the college in good standing, under the guidance of academic advisors, for a stated time, thus giving them a chance to succeed. However, this does not automatically mean that such a student is eligible for financial aid. Such students must consult the Registrar to determine their continued eligibility for financial aid.

At the end of each semester, the Registrar reviews the record of every student and refers those who have failed to a maintain an index of 2.0 to the Committee on Academic Development. The faculty members, with the Academic Dean, Director of Counseling, Registrar, and Associate Academic Dean as consultants, endeavor to determine the causes of the academic difficulty and recommend adjustments in program for the following term. The faculty members of the Committee serve thereafter as special advisors to those students who have been referred to them.

Any student who, at the end of a semester, has not achieved an index of 2.0 or higher, may not take more than 12 credits the following semester. Although the Committee on Academic Development reviews

each case individually, a student who continues to achieve below the required index of 2.0 will be advised to withdraw. Students who have been asked to withdraw by the Committee may represent to the Academic Dean, in person or in writing, any relevant circumstances.

REINSTATEMENT. A student who has been asked to withdraw because of unsatisfactory progress may apply to be readmitted to the College. The procedure requires a written request, assessment of previous academic record and of potential, evidence of increased motivation, possible retesting, and approval of the Academic Dean.

A student who has been reinstated is responsible for finding out the conditions, if any, which must be satisfied in order to obtain financial aid.

EXAMINATIONS. Final examinations are held at the end of each semester. Exceptions to this procedure require the approval of the Dean.

Real emergency such as illness is the only excuse for absence from an examination. A student who is absent from a final examination must call the Registrar on the day of the exam, giving the reason for the absence. Within one week, the student must write to the Academic Dean, stating the reason for the absence and requesting a make-up exam. A fee of twenty-five dollars is required for each late examination. By faculty regulation, a special examination may be given no sooner than two months from the date of the originally scheduled examination. The dates for such examinations are listed on the academic calendar; the hours are specified by the Registrar. Students must take the make-up exam at the time specified. A student who is absent from a make-up exam will receive a grade of zero for the exam.

INCOMPLETE. If a faculty member believes that a student, for a serious reason, should be allowed additional time in which to complete the requirements of a course, the faculty member may file a form with the Registrar to this effect. It is the responsibility of the student for whom such exception has been made, to see that the work is completed so that the faculty member may give the final grade to the Registrar NOT LATER THAN January 31 for the Fall semester, and July 1 for the Spring semester.

EXEMPTIONS. Students who have achieved a minimal class average of A- in a course may, at the discretion of the professor, be exempted from the final examination in that course.

GRADES AND REPORTS. Transcripts of courses and grades are issued at the end of each term. The final grade in each course is based on 2/3 of the class mark and 1/3 of the final exam mark. Grades are interpreted as follows:

Quality	*Grade*	*Percentage*	*Quality Points*
Excellent	A	93.0 - 100.00	4.0
	A-	90.00 - 92.9	3.7
Good	B+	87.0 - 89.9	3.3
	B	83.0 - 86.9	3.0
	B–	80.0 - 82.9	2.7
Satisfactory	C+	77.0 - 79.9	2.3
	C	73.0 - 76.9	2.0
Passing	C–	70.0 - 72.9	1.7
	D+	67.0 - 69.9	1.3
	D	63.0 - 66.9	1.0
	D–	60.0 - 62.9	0.7
Unsatisfactory	F	Below 60.0	0.0

Pass/Fail Basis

Pass	P	60 - 100	—
Pass with honors	PH	Pass (90 or above)	—
Unsatisfactory	U	Below 60	—

LEAVE OF ABSENCE. Students who find it necessary to interrupt their studies temporarily may apply for a leave of absence. The procedures are the same as for withdrawal from the College. (See below.) A student who is granted such a leave is considered a matriculated student, although not registered for courses, and may return at the termination of the leave without reapplying for admission.

WITHDRAWAL FROM THE COLLEGE. Students who plan to withdraw from the College should consult the Associate Academic Dean and then file an official withdrawal form. All financial obligations to the College must be fully paid before a student may withdraw or graduate in good standing. In addition, a student who has received a scholarship or loan must have an exit interview with the Financial Aid Officer. (See Financial Aid Program.) It is important for financial aid purposes that the last date of attendance be officially recorded. The Administration of the College may require the withdrawal of any student whose academic record or conduct is judged unsatisfactory.



STUDENT RETENTION AND GRADUATION. Of the 83 students who entered St. Joseph's College (Main Campus) as freshmen in September 1979, 78% were still enrolled in September 1980, 60% in September 1981, and 57% in September 1982. Of the original group, 53% graduated in June 1983 after eight semesters. Additional students graduated in June 1984, bringing the percentage of the original group to graduate to 57%. These figures refer only to students enrolled in Arts and Sciences at the Main Campus and do not reflect transfer students who joined the group at a later point. Retention and graduation figures for the Suffolk Campus and for the Division of General Studies are published in their respective catalogues.

HONORS

DEAN'S HONOR LIST. At the beginning of each term, the Dean publishes the names of those students who in the previous academic semester attained an index of 3.65 or higher. Part-time students who attain an index of 3.65 after 15 credits of grades are eligible for the Dean's List and must apply to the Registrar. The list is posted on a special bulletin board in the main hall of the College, outside the Dean's office.

DEPARTMENTAL HONORS AT GRADUATION. A cumulative index of 3.0 and an index of 3.70 in the major field is the minimum requirement. The faculty members of the department evaluate and vote on each academically eligible candidate as a person worthy of honors.

DEGREE WITH HONORS. The degree with honors is the highest accolade. In order to be eligible for a degree with honors, students must have completed 60 credits at St. Joseph's College, not more than 12 of which may be Pass/Fail. For the degree *Summa cum laude*, a cumulative index of 3.90 will be required; for *Magna cum laude*, 3.80; and for *cum laude*, 3.70. The required index must be met in two calculated indices: in the four-year cumulative index, including all credits and grades taken at other colleges; and in the last 60 credits taken at St. Joseph's College.

HONOR SOCIETIES

Membership in the honor societies is based on both academic and non-academic qualifications. While the requirement of superior academic achievement is common to all the societies, the non-academic criteria for admission vary, according to the nature and purpose of the particular society.

Students who are academically eligible for an honor society, i.e., who have the required index, are notified by means of the Registrar's bulletin board. Eligible students must then submit to the Committee on Academic Development an honors application, demonstrating their possession of the specific qualifications required by the honor society to which they are applying. This honors application includes an essay by the candidate, a documented list of activities, and evaluations by faculty and others. The Committee on Academic Development reviews all applications and votes on membership in the honor societies.

SIGMA IOTA CHI

Membership in the College honor society, Sigma Iota Chi—SJC— is based on academic performance as well as upon outstanding personal qualities. These qualities must be reflected, at least in part, in some involvement and/or service in extra-curricular activity at the College. Candidates must be individuals who represent the ideals of St. Joseph's College. Students with an annual index of 3.67 based on grades earned at St. Joseph's are eligible for election to membership in Sigma Iota Chi for one year. Part-time students may request consideration for membership after completing the equivalent of each year's work (30 credits). No students, full or part-time, may receive membership more than four times. A student who holds membership for three years receives the key of the society at Commencement.

KAPPA GAMMA PI

Kappa Gamma Pi is a national honor society for women and men graduates of colleges in the Catholic tradition. St. Joseph's was one of the original members of this organization. Candidates must have completed seven semesters with honors; i.e. they must be eligible for graduation *cum laude*. (See Degree With Honors, above.) In addition, they must be leaders in extra-curricular campus or volunteer off-campus activities, and must be willing to accept membership, knowing the responsibility for individual leadership in Church, civic, and Kappa-sponsored activity which membership implies. No more than ten percent of the graduating class may be elected.

DELTA EPSILON SIGMA

Delta Epsilon Sigma is a national scholastic honor society for undergraduates, faculty, and alumni of colleges and universities with a Catholic tradition. St. Joseph's was one of the founding colleges and is headquarters for the Epsilon Chapter. To be eligible for membership, candidates must be persons who have a record for outstanding academic accomplishment, who have shown dedication to intellectual activity, and who have accepted their responsibility of service to others. Juniors and seniors may be considered for membership, provided that they have completed one full year (30 credits) at St. Joseph's and have a

cumulative index which, if continued, would make them eligible for graduation *cum laude*. (See Degree With Honors, above.) The Committee on Academic Development recommends eligible students to the Epsilon Chapter, which then votes on membership. No more than fifteen percent of a class may be elected; only five percent may be elected in Junior year.

PHI ALPHA THETA

St. Joseph's has a chapter, Phi Mu, of the international history honor society, Phi Alpha Theta. Membership in Phi Mu is open to the whole student body. Student membership is based on a 3.1 index in at least 12 credits of History and an index of 3.0 in 2/3 of the remaining courses. (Six of the 12 credits must be taken at St. Joseph's College. Advanced Placement courses do not count toward the 12 credits.)

AWARDS

THE J. GARDNER CONROY AWARD

See the description under the Philosophy Department.

SPECIAL PROGRAMS

AFFILIATED PROGRAM: ST. JOSEPH'S COLLEGE—THE NEW YORK COLLEGE OF PODIATRIC MEDICINE

St. Joseph's offers an accelerated biomedical program in cooperation with the New York College of Podiatric Medicine.

For details, see the Biology Department offerings.



SAY PROGRAM

St. Joseph's conducts the SAY Program in cooperation with Bishop Kearney High School, Brooklyn, New York. Designed as an alternative to the regular Early Admission Program, SAY (SAVE-A-YEAR) offers a selected group of able seniors at Kearney the opportunity to complete 24-32 credits of college work. The students remain in their high school while taking regular courses taught by St. Joseph's faculty. At the end of the year, students have the option of continuing at St. Joseph's or transferring to another college.

Because of their dual enrollment, participants in the Save-A-Year Program enjoy an unique opportunity to continue to exercise academic, social and extra-curricular leadership in their high school while matriculating as St. Joseph's College freshmen with all the privileges attached to that status. As college freshmen, SAY students are eligible to receive funds under state, federal and college financial assistance programs.

The following courses are offered during 1984-85:

English 122	English 103
Political Science 102	History 118
Mathematics 108	Mathematics 113
Mathematics 205	Mathematics 206
Philosophy 124	Sociology 100
Child Study 101	Psychology 100

NON-MATRICULATED STUDENTS

High school seniors recommended by their grade advisors and/or principals may register for college courses for credit. (See also, Early Admission Plan.)

Adults who wish to take college courses offered during the regular day program may with the approval of the Academic Dean, register as non-matriculated students. (Contact the Registrar.)

SUMMER SESSION

A Summer Session is held to accommodate students who for a variety of reasons have indicated their interest in summer study. Non-matriculated students are welcome.

Matriculated students who wish to attend other colleges should consult the preceeding section on Courses at Other Colleges.

MINI-SEMESTERS

In January and May, the College offers a limited number of courses for students who wish to take advantage of these intersessions.

STUDENTS' RIGHT TO PRIVACY AND ACCESS TO RECORDS

Public Law 93-380, usually titled "Family Educational Rights and Privacy Act," or more often known simply as the Buckley Amendment, prohibits release of any material in a student's file without the written consent of the college student. This law also affords students the right to review the contents of their official academic folders, except for those documents excluded by Law 93-380, as amended.

Students who wish to inspect their folders are required to complete the REQUEST FOR DISCLOSURE OF STUDENT FILE INFORMATION. These forms are available in the Registrar's Office and in the Office of the Academic Dean. Students who wish to challenge the contents of their folders as inaccurate, misleading, or inappropriate, should follow the informal and formal proceedings outlined in the current *Student Handbook.*

It is the responsibility of all students to inform the College of any change in their mailing address. Failure to do so relieves the College of any liability in the event that important correspondence is not received by the student.


LABORATORY
TECHNIQUES

DEPARTMENTAL OFFERINGS

Biology
Business Administration and Economics
Child Study
Education
English
Fine Arts
- Art
- Dance
- Music

History
Languages, Modern and Classical
- French
- Italian
- Spanish
- Classics
- Drama in Translation

Mathematics
Philosophy
Physical Education
Physical Sciences
- Chemistry
- Physics

Psychology
Religious Studies
Social Sciences
- Economics
- Political Science
- Sociology-Anthropology

Speech Communication
Interdisciplinary Courses
Area Studies

COURSE NUMBERS. Courses numbered 100 are open to all students without prerequisites. Ordinarily, courses numbered 200, 300, and 400 have prerequisites and may not be taken by freshmen. Consult the individual department course listing for exceptions to this general policy.

BIOLOGY

Carol J. Hayes, Ph.D., *Chairman*

The biology courses are designed to contribute to the student's general understanding of the nature and interrelationship of living things. Courses for majors carry the additional aspects of providing a preparation for graduate and professional studies.

Core Courses: Biology 112, 115 or 150.

Major Requirements

Students who attain a minimum grade of C in Biology 150 and 151 may elect a major in the department. Continuation as a major depends on maintaining a minimum grade of C in each course required for the major.

Biology 151 is a prerequisite for advanced courses in Biology.

A Plan students are required to take 36 credits in Biology.

B Plan students must take 32 credits in Biology.

Required Courses: Biology 150, 151, 310, 330, 340, 380, 480
Chemistry 150, 151, 250, 251
Mathematics 205, 206
Physics 150, 151.

The senior research requirement may be satisfied during the summer by participation in recognized research programs. Criteria for acceptance are:

1. submission of a research paper
2. written evaluation from the research adviser at the institution attended
3. approval of the Chairman and Academic Dean

AFFILIATED PROGRAM OF ST. JOSEPH'S COLLEGE — THE NEW YORK COLLEGE OF PODIATRIC MEDICINE

St. Joseph's offers an accelerated biomedical program in cooperation with the New York College of Podiatric Medicine. A student accepted into the program will spend two years at St. Joseph's College and four years at the New York College of Podiatric Medicine. On completion of the St. Joseph's College component and one year at the New York College of Podiatric Medicine, the student will be awarded the B.S. degree in Biology by St. Joseph's College. On completion of the program at New York College of Podiatric Medicine, the D.P.M. (Doctor of Podiatric Medicine) will be awarded.

Students in the program will be expected to maintain an honors grade point average while they are at St. Joseph's College and to score satisfactorily in the Medical College Admissions Test (MCAT) which is taken in April of the second year.

For details of the program, students should consult the Chairman of the Biology Department.

BIO 112 BIOLOGICAL CONTROL SYSTEMS

A study of the nervous and endocrine systems and their relationship to normal and abnormal human behavior.

3 hours lecture a week, 1 semester, 3 credits. Spring

BIO 115 THE BIOLOGICAL BASIS OF MAN'S INHERITANCE

An introduction to the study of heredity and its relationship to human welfare.

2 hour lecture, 2 hours laboratory a week, 1 semester, 3 credits. Fall
Lab fee—$30

BIO 150 GENERAL BIOLOGY I

An intensive study of the chemical and cellular basis of life, energy transformations in the cell, and the biology of organisms.

Prerequisite: Departmental approval.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits. Fall
Lab fee—$40

BIO 151 GENERAL BIOLOGY II

A continuation of Biology 150. Topics include cellular reproduction, patterns of inheritance, mechanism of gene action, development, the biology of populations, and the diversity of organisms.

Prerequisite: BIO 150

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.
Spring Lab fee—$40

BIO 170 MICROBIOLOGY FOR HEALTH RELATED PROFESSIONS

A study of the structure and physiology of microorganisms, the nature and components of the immune response, diseases of the immune system and pathogens and human disease.

Prerequisite: BIO 151

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.
Spring Lab fee—$40

BIO 210 VERTEBRATE ANATOMY

A comparative study of the vertebrates including ontogeny, phylogenetic theory, and the development of the body form and organ systems.

2 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits.
Offered on an irregular basis Lab fee—$40

BIO 220 VERTEBRATE HISTOLOGY AND MICROTECHNIQUE

Microscopic anatomy of the fundamental tissues and organs of the vertebrates. Practice in the basic techniques involved in preparing tissues for microscopic study.

2 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits. Fall
Lab fee—$40

BIO 280 FIELD COURSE IN ECOLOGY

The application of basic ecological principles to a particular ecosystem. The course provides actual field experience in examination of the biotic and abiotic components of an ecosystem through residence at an established field station. This experience comprises the laboratory component of the course.

2 hours lecture a week, 7-10 days residence at the field station, 1 semester, 4 credits. Offered on an irregular basis

BIO 300 GENERAL ECOLOGY

An introduction to the multitude of biotic and abiotic mechanisms that interrelate in the Ecosystem. Topics to be considered include energy and nutrient movement; gaseous and sedimentary cycles; characteristics of population growth, age structure, size, distribution and regulation; structure and function of major terrestrial ecosystems, ecological succession; and an examination of the human population.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.
Spring 1986, 1988 Lab fee—$40

BIO 310 GENETICS

A study of the laws of heredity, with an emphasis on molecular genetics, human inheritance, developmental genetics, mutagenesis and evolution.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.
Spring Lab fee—$40

BIO 320 DEVELOPMENTAL BIOLOGY

A theoretical and experimental analysis of the fundamental problems of animal and plant development: gametogenesis and fertilization, pat-

terns of morphogenesis, developmental organizers, environmental and molecular control of differentiation, inductive tissue interactions, regulatory role of hormones.

2 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits.
Fall Lab fee—$40

BIO 330 PHYSIOLOGY

Basic concepts in cellular and general physiology. Particular emphasis is placed upon nervous, muscular, cardiovascular, respiratory and renal systems.

3 hours lecture, 4 hours laboratory a week, 1 semester, 5 credits.
Fall Lab fee—$40

BIO 340 MICROBIOLOGY

An introduction to the fundamental principles governing the biology of bacteria, viruses, rickettsiae, yeasts, and molds. Special consideration given to a study of immunity, pathogenic varieties, antibiotics, and chemotherapy.

2 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits.
Spring Lab fee—$40

BIO 380 RESEARCH SEMINAR

An awareness of the problems and methods of research is fostered through a program of guided reading of scientific literature in preparation for research into a specific biological problem in the senior year. Progress reports are given and analyzed by the students.

Required of all majors in their junior year.

1 hour a week, 1 semester, 1 credit. Spring

BIO 410 ENVIRONMENTAL PHYSIOLOGY SEMINAR

An analysis of the effects of environmental variables on the functions of the living organism. Consideration of adaptations to such variables as cold, heat, and altitude through the study of data reported in recent research papers.

Prerequisite: BIO 330

2 hours a week, 1 semester, 2 credits. Offered on an irregular basis.

BIO 420 BIORHYTHMS

A study of rhythmic phenomena in organisms with reference to clock hypotheses and the influence of environmental parameters such as light-dark cycles, temperature, and pervasive geophysical factors.

3 hours lecture a week, 1 semester, 3 credits. Offered on an irregular basis.

BIO 460 CELL BIOLOGY

A correlation of the structural aspects of the cellular organelles with their biochemical function in both procaryotes and eucaryotes, including considerations of nucleocytoplasmic relationships, cell-environment interactions, action potentials, and examples of extreme specialization among cells.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.
Spring 1985, 1987 Lab fee—$40

BIO 480 RESEARCH

Independent research required of majors in the senior year
Prerequisite: BIO 380
3 credits for the year Lab fee—$50







BUSINESS ADMINISTRATION AND ECONOMICS

Elizabeth A. McKaigney, M.B.A., *Departmental Representative*

The required courses in the Business Program are designed to cover the various facets of the practice of business operations: Management, Marketing, Accounting, Economics and Finance, and Law. The elective courses in Business give students an opportunity to choose one area or a combination of areas for more intensive analysis. The courses in related disciplines are included to ensure the development of understandings and skills that will give depth and meaning to their business applications.

Major for a B.S. degree in Business Administration: The required courses in the several areas listed below (45 credits) will be supplemented by the election of 4 courses from one or more areas (12 credits). The Mathematics and Philosophy areas (12 credits) enrich the applications of the Business curriculum.

A generous transfer of credits into this major from accredited programs is provided. Students are required, however, to take a minimum of 24 credits representing 4 areas and the Business Policy Seminar (BUS 472) within the St. Joseph's program.

A minimum average of C is required in the major courses.

REQUIRED BUSINESS COURSES (45 credits)

Management		***Credits***
BUS 100	Process of Management	3
BUS 130	Organizational Behavior	3
BUS 230	Human Resources Management	3
BUS 472	Business Policy Seminar	3
Marketing		
BUS 200	Marketing	3
Accounting		
BUS 110	Principles of Accounting	3
BUS 211	Financial Accounting	3
BUS 241	Cost Accounting	3
Economics and Finance		
BUS 120	Macroeconomic (ECO 120)	3
BUS 122	Statistics (ECO 122)	3

BUS 125	Principles of Finance	3
BUS 226	Microeconomics (ECO 226)	3

Law

BUS 150	Business Law I	3
BUS 151	Business Law II	3

Computers in Business

BUS 286	Introduction to Business Programming	3

ELECTIVE COURSES FOR BUSINESS MAJORS (12 credits)

Management

BUS 232	Collective Bargaining	3
BUS 275	International Business	3
BUS 376	Production Management	3

Marketing

BUS 202	Retailing	3
BUS 204	Marketing Promotion and Advertising	3
BUS 206	Marketing Research	3
BUS 208	Public Relations	3

Accounting

BUS 212	Intermediate Accounting I	3
BUS 213	Intermediate Accounting II	3
BUS 215	Principles of Federal Taxation	3
BUS 245	Accounting for Government and Non-Profit Organizations	3

Economics and Finance

BUS 127	Comparative Economic Systems (ECO 127)	3
BUS 221	Labor Economics (ECO 221)	3
BUS 223	Money and Banking (ECO 223)	3
BUS 228	History of Economic Thought (ECO 228)	3

Computers in Business

BUS 288	Business Systems and Design	3

REQUIRED COURSES IN RELATED FIELDS (12 credits)

MAT 150	Introduction to Computers	3
MAT 200	Mathematics for Business and Economics (Prerequisite: MAT 113 or equivalent)	3
MAT 201	Applied Calculus for Business and Economics	3
PHI 268	Ethics and Business (Prerequisite: Philosophy course)	3

Students desiring a concentration in Economics within a Social Science Major should consult the requirements in the Social Science Department.

Certificate in Data and Information Processing

For a description of the program leading to this certificate, see page 152.

Certificate in Leadership and Human Resources Development

For a description of the program leading to this certificate, see page 153.

Certificate in Management

For a description of the program leading to this certificate, see page 154.

BUS 100 PROCESS OF MANAGEMENT

An introduction to the business decision-making process through the study of the theory and practice of management. The manager's tasks: planning, organizing, directing and controlling are reviewed through reading and case studies. The student is introduced to the concept of strategic planning and in line with today's emphasis on productivity, particular attention is paid to Human Resources and Motivation.

3 hours a week, 1 semester, 3 credits. Fall

BUS 110 PRINCIPLES OF ACCOUNTING

A study of accounting principles to enable the student to understand the preparation of financial statements. The course covers a study of the accounting cycle, the recording process, accounting systems and controls and partnership accounting.

3 hours a week, 1 semester, 3 credits. Spring

BUS 120 MACROECONOMICS
(ECO 120)

A description of economic life and problems; the market, pricing of goods and services, business cycle; corporate organization; the banking system; foreign trade; agriculture, labor organization; government expenditures and receipts.

3 hours a week, 1 semester, 3 credits. Fall

BUS 122 STATISTICS
(ECO 122)

Collection and tabulation of statistical data. Sampling. Probability. Binomial distrubution and the use of the normal curve.

3 hours a week, 1 semester, 3 credits. Fall

BUS 125 PRINCIPLES OF FINANCE

A survey of the role of finance in business management. Major areas of study include an examination of financial markets, financial organization of business entities, analysis of budgets, credit, equity, and debit financing, cash flow requirements, break-even analysis, the uses of corporate securities in capitalization and asset management.

Prerequisites: Business 100, Business 110

3 hours a week, 1 semester, 3 credits. Fall

BUS 127 COMPARATIVE ECONOMICS SYSTEMS
(ECO 127)

A study of various methods used to solve economic problems. Survey covers various economic systems from the enterprise system as implemented in the United States to the communist variants in the Soviet Union and Communist China

3 hours a week, 1 semester, 3 credits. Spring 1987

BUS 130 ORGANIZATIONAL BEHAVIOR

An introduction to the study of management theory concerning human behavior in formal organizations. The student is given the opportunity to test theories through the analysis and discussion of a series of case studies.

Prerequisite: Business 100

3 hours a week, 1 semester, 3 credits. Fall

BUS 150 BUSINESS LAW I

Introduction to legal environment of business. General survey of the legal system court and procedures. Study of the law of contracts, agency, partnership and corporations. The course uses the case and text method.

3 hours a week, 1 semester, 3 credits. Spring

BUS 151 BUSINESS LAW II

A continuation of Business Law I. Personal property, Bailments, sales, commercial paper, creditors' rights, real property, secured transactions and regulations of business.

Prerequisite: Business 150

3 hours a week, 1 semester, 3 credits. Fall

BUS 200 MARKETING

An examination of the central role of the marketing function in business and the non-profit sectors is undertaken through analysis of cases and a required text.

3 hours a week, 1 semester, 3 credits. Spring.

BUS 202 RETAILING

Analysis and study of marketing goods and services at retail, investigation of types of retail facilities, impact of chain and discount stores, retailing in shopping centers, speciality stores, non-store retailing, effect of communication arts on retailing.

3 hours a week, 1 semester, 3 credits. Fall 1984

BUS 204 MARKETING PROMOTION AND ADVERTISING

An intensive review and study of the promotion and sale of products and services. Both conceptual and applied approaches to such areas as advertising and public relations are used. The student will be required to develop a report on a promotion plan for a product or service.

Prerequisite: Business 200

3 hours a week, 1 semester, 3 credits. Spring

BUS 206 MARKETING RESEARCH

A study of the various research methodologies used in solving marketing research problems. Includes Research Design and Data Collection Methods (surveys, questionnaire design, sampling) to enable the student to make the best possible decision in exploring solutions to marketing problems and opportunities. A complete Marketing Research report is required.

Prerequisites: Business 122, Business 200

3 hours a week, 1 semester, 3 credits. Fall 1985

BUS 208 PUBLIC RELATIONS

The study of Public Relations and its role as a communications and marketing tool. Corporate image, external and internal communications, firms' relationships with various publics explored. Case study analysis and practice in writing press releases and other corporate communications expected.

3 hours a week, 1 semester, 3 credits. Spring 1986

BUS 211 FINANCIAL ACCOUNTING

A study of accounting principles as they apply to corporations, branch operations and not-for-profit entities. The course also covers fund statements and cash flow, budgeting and analysis of financial statements.

Prerequisite: Business 110

3 hours a week, 1 semester, 3 credits. Fall

BUS 212 INTERMEDIATE ACCOUNTING I

The underlying concepts and principles of financial accounting; interpretation and application of the pronouncement of accounting bodies such as FASB, AICPA, SEC and CASB.

Prerequisite: Business 211

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

BUS 213 INTERMEDIATE ACCOUNTING II

A continuation of Intermediate Accounting I emphasizing a critical study of current accounting theory and analysis of financial statements, long term liabilities, paid-in capital, retained earnings and reserves.

Prerequisite: Business 212

3 hours a week, 1 semester, 3 credits. Not offered 1984-85.

BUS 215 PRINCIPLES OF FEDERAL TAXATION

A study of Federal Revenue system, tax statutes, and the preparation of individual tax returns. The Internal Revenue Code and regulations along with court decisions are studied with particular attention as to how tax planning for individuals is affected. The case problem method is used, with the objective that the student be trained to cope with the tax problems encountered by an individual.

Prerequisite: Business 110, Business 211

3 hours a week, 1 semester, 3 credits. Fall 1984

BUS 221 LABOR ECONOMICS
(ECO 221)

Analysis of the role of labor in American economy and of factors which contributed to the changing pattern of industrial relations. Great emphasis on present-day collective bargaining. Discussions include references to current labor issues.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Fall

BUS 223 MONEY AND BANKING
(ECO 223)

The role of money and credit in our economic system. Commercial banks and Federal Reserve System. International money relations.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Spring 1985

BUS 226 MICROECONOMICS
(ECO 226)

Marginal analysis of demand and supply, of the individual firm, of perfect and imperfect competition.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Spring

BUS 228 HISTORY OF ECONOMIC THOUGHT
(ECO 228)

An analysis of major changes in economic thinking; mercantilism, physiocracy, classical school with its Marxist opposition, historical and marginalistic schools, Marshall, institutionalists, Keynes and present-day trends.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Spring 1987

BUS 230 HUMAN RESOURCES MANAGEMENT

A review of the theory of the effective management of human resources. The students examine employer-employee relations in such areas as equal employment opportunity practices, training and evaluation methods, compensation and reward or motivational programs, legal and regulatory requirements and the role of collective bargaining. The course utilizes the case method supplemented with an assigned text.

Prerequisite: Business 100

3 hours a week, 1 semester, 3 credits. Fall

BUS 232 COLLECTIVE BARGAINING

A study of collective bargaining and its impact on the firm's management and business strategy. Active student participation is expected in the discussion of the collective bargaining process and the issues arising from the creation and administration of the collective bargaining agreement. The rights of management in directing the workforce versus the rights of employees as expressed in the contract are explored. Selected cases involving such issues as technological change, job assignments, wage structure, the grievance procedure, production standards and the role of the arbitrator will be utilized.

3 hours a week, 1 semester, 3 credits. Spring 1985

BUS 241 COST ACCOUNTING

To familiarize the student with production and process cost accounting systems. Includes studies in job cost, process cost, and standard cost systems. Cost behavior and cost-volume-profit analysis is studied along with budgeting and cost finding tools and techniques. The course will require the preparation of a practice set in addition to the assigned problems.

Prerequisite: Business 110, Business 211

3 hours a week, 1 semester, 3 credits. Spring

BUS 245 ACCOUNTING FOR GOVERNMENT AND NON-PROFIT ORGANIZATIONS

The study of the financial reports of governments and non-profit institutions. Particular attention to the accounting standards and practices underlying the preparation and presentation of financial statements for non-profit organizations.

Prerequisite: Business 213

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

BUS 275 INTERNATIONAL BUSINESS

A study of the opportunities and conditions including particular problems that are part of doing business in foreign countries. Particular attention is given to environmental factors, concepts and practices of world business institutions, multinational corporations, international financing implications of foreign exchange, risks and advantages in dealing with foreign currencies, marketing strategies in dealing with particular cultures and economic and social issues that affect business decision-making in foreign countries.

Prerequisite: Business 100, Business 120.

3 hours a week, 1 semester, 3 credits. Spring 1985

BUS 286 INTRODUCTION TO BUSINESS PROGRAMMING

This course will deal with business applications of the computer such as financial reporting, inventory analysis, modeling, and forecasting. COBOL as a language will be used with emphasis on file construction and data retrieval.

Prerequisite: Any introductory computer course

3 hours a week, 1 semester, 3 credits. Fall 1985

BUS 288 BUSINESS SYSTEMS AND DESIGN

The design and development of information systems for a business environment. Topics will include analysis of information flow, design of business systems, specifications, equipment selection, and file organization. Detailed steps for each phase of the design will be related to business applications on a full scale computer system.

Prerequisite: Any introductory computer course.

3 hours a week, 1 semester, 3 credits. Spring 1986

BUS 376 PRODUCTION MANAGEMENT

A study of the nature of manufacturing and production activity, coordination of sales and manufacturing programs. Analysis of the most economical means of processing and the importance of automation.

Prerequisite: Business 100, Business 200

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

BUS 472 BUSINESS POLICY SEMINAR

An examination and integration of all the business aspects of an enterprise. The student is given the opportunity to review the principal functions of management such as production management, financing, personnel, marketing in specifically assigned case studies emphasizing the inter-relation of organization production, marketing, financing, and staffing needs. Independent study is emphasized through a review of business cases and the use of an assigned text.

For senior Business Major students only.

3 hours a week, 1 semester, 3 credits. Spring



CHILD STUDY

S. Jean Marie Amore, Ed.D., *Chairman*

The courses in Child Study are designed to emphasize a child development approach toward children, toward teaching and learning, and toward curriculum. The Department makes a special commitment to the importance of the early childhood years, and to the preparation of students who wish to work with younger and older children and with children with exceptionalities. The content of all Child Study courses considers the child from birth to adolescence, the disabled and the nondisabled child, and teaching in regular classes and special classes. Courses include field work.

The Child Study Department sponsors competency-based teacher education programs registered with the New York State Education Department for provisional certification for teachers of nursery, kindergarten, and grades one through six, and for teachers of special education. Child Study Majors who elect Plan B[1] follow a program leading to such certification(s). The Regents of the State of New York require teacher candidates to pass the National Teacher Examination-Core Battery Tests to receive a certificate to teach in New York State. Child Study Majors take the exam in their sixth semester. There is a fee of $25 payable to the New York State Education Department for each certification area. Students who do not want certification elect Plan A. Majors who wish certification in the teaching of speech, levels K-12, should consult the Education (Secondary) Department.

To obtain teacher certification through the Child Study Program, students on Plan B[1] must have a major average of B- or higher and must give evidence of the personal and professional qualities necessary for teaching. *(See Handbook for Child Study Majors.)* Students on Plan A are required to maintain a major average of C or higher. Transfer students majoring in Child Study are required to take a minimum of 15 credits in Child Study at St. Joseph's College.

Dillon Child Study Center

The Dillon Child Study Center is the campus laboratory school for the department. In addition to its services described elsewhere in this catalogue, the Center affords observation and practicum experiences for the students. It exemplifies for them an educational facility at the early childhood level of instruction.

Sister Helen Kearney, M.A., Educational Director.

Core Courses: Courses that may be elected by non-majors toward the core curriculum in the Division of the Social and Behavioral Sciences are the following: CS 101, 102, 121.

Child Study Major (30 Credits in Child Study)

Required for N-6 Certification

Freshman/Sophomore:	CS 101, 102, SPC 102, 124
Sophomore:	CS 210, 211
Junior:	CS 301, 302, 303
Senior:	CS 401, 410

Required for Special Education Certification in the Areas of Mental Retardation, Emotional and Behavioral Disorders, Learning Disabilities, and Multiple Handicaps

All the courses required for N-6 Certification and the following

Freshman/Sophomore:	CS 121
Junior:	CS 321, 324, 325
Senior:	CS 422

Area of Concentration: Majors must take a concentration of 21 credits in one of the following areas: English, French, History, Mathematics, Psychology, Science, Social Science, Spanish, Speech Communication.

Student Teaching: To be eligible for student teaching in senior year, Child Study Majors must receive approval from the Child Study Recommendations Committee and must have a cumulative major average of B- or higher. Application forms for student teaching for CS 410 and CS 422 must be submitted to the Coordinators of Field Placement within two weeks after registration days for seniors. A fee of $25 will be charged for applications received after these dates. No applications will be accepted after December 7th for student teaching in the Spring Semester, and after May 10th for the Fall Semester. Majors should plan their programs so that a maximum of 12 to 15 credits will be taken in student teaching semesters to enable them to commit themselves to teaching responsiblities.

CS 101 CHILD PSYCHOLOGY AND DEVELOPMENT I

An introduction to the study of the child: historical survey; principles of development; heredity; prenatal and neonatal development; patterns of cognitive, social, emotional growth; play; parent/child relationships; attachment and prosocial behavior. Emphasis on infancy and toddlerhood. Directed observations of children.

3 lecture hours, 1 semester, 3 credits. Fall and Spring.

CS 102 CHILD PSYCHOLOGY AND DEVELOPMENT II

The learning process; theories, research applicable to development sequences; patterns of cognitive, social emotional, and moral growth; play; parent/child relationships; problem behavior; the impact of deprivation. Emphasis on the preschool period and middle childhood. Directed observations of children.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 121 PSYCHOLOGY OF THE EXCEPTIONAL CHILD

Basic psychological and social consideration of the major areas of exceptionality. Study of intellectual exceptionalities, behavioral and emotional disorders, sensory deprivations, orthopedic impairments, health disorders, learning disabilities, and multiple handicaps. Field trips required.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 210A/210B PRESCHOOL EDUCATION PRACTICUM

A practicum in the laboratory school for the entire sophomore year. Intensive study of the Dillon Center model of preschool education with emphasis on the child development point of view in program activities and materials. The role of the teacher and the assistant teacher in relation to the children.

Bi-weekly seminar for the year.

2 hours a week participation in the preschool. 2 credits. Fall and Spring

CS 211 FOUNDATIONS OF CHILDHOOD EDUCATION

A study of childhood education: curriculum programs; teaching methods; community, parent and school relations, drug and alcohol education; functions of the school from the philosophical, social and historical perspectives. Guided participation in the elementary school.

3 lecture hours, 1 semester, 3 credits. Fall and Spring.

CS 231 RELIGIOUS DEVELOPMENT OF CHILDREN

Study of children's growth as related to their potential for religious development. Survey of materials and programs for religious instruction.

2 hours a week, 1 semester, 2 credits. Spring 1985, 1987

(An additional credit possible for independent study.)

(Course may not be included as part of the required 30 credits in the major.)

CS 301 READING AND LANGUAGE ARTS: PRIMARY GRADES

Prerequisite for CS 302.

A study of the reading process, methods, and materials for group and individual instruction in the primary grades. Topics include: readiness; word recognition and comprehension development; listening, writing and speaking skills; lesson planning.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Fall

CS 302 READING AND LANGUAGE ARTS: INTERMEDIATE GRADES

A study of the reading and language arts skills, methods, and materials for group and individual instruction in the intermediate grades. Topics include use of formal and informal assessment to facilitate diagnostic teaching of reading, reading in content areas, study skills, communications skills.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Spring

CS 303 MATHEMATICS IN THE ELEMENTARY SCHOOL

A course designed to present the concepts, methods, and materials of developmental mathematics currently taught in the elementary school and the social and psychological principles underlying the modern approach.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Fall and Spring

CS 304 SCIENCE IN THE ELEMENTARY SCHOOL

Study of current science methods and materials used in elementary school. Emphasis on psychology of concept development and problem solving in science context.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Spring

CS 305 SOCIAL STUDIES IN THE ELEMENTARY SCHOOL

An examination of current trends, techniques, and developments in the social studies program for the elementary school.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Fall 1985, 1987

CS 306 CREATIVE ART ACTIVITIES IN THE ELEMENTARY SCHOOL

An introduction to artistic development and expression in childhood. Consideration of curriculum planning, methods and materials, guidance

techniques, and special education classes.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Fall

CS 307 MUSIC IN THE ELEMENTARY SCHOOL

An investigation and appreciation of the music interests and abilities of children. A studio approach to the understanding of rhythms, songs and musical instruments in programs of elementary school music.

2 lecture hours, 1 hour independent study, 1 semester, 3 credits. Not offered 1984-'85

CS 308 EDUCATION FOR PRESCHOOL AND KINDERGARTEN YEARS

A study of programs and of centers for young children including nursery schools, kindergartens, and day care. Topics include: play; curriculum and materials; emotional, social, and physical needs of young children; cognitive development; theories of early education; home-school-community relations.

2 hours a week, 1 semester, 2 credits. Fall 1984, 1986

(An additional credit possible for independent study.)

CS 321 ANALYSIS AND MEASUREMENT IN SPECIAL EDUCATION

Study of standardized tests currently used in the field of special education with an emphasis on understanding the contents of a child's diagnostic file and preparing instructional prescriptions.

3 lecture hours, 1 semester, 3 credits. Spring.

CS 323 CHILDREN WITH LEARNING DISABILITIES

Survey of specific learning disabilities found in children and consideration of related problems, assessment procedures, remediation and teaching techniques.

2 lecture hours, 1 hour independent study, 1 semester, 3 credits. Spring

CS 324 SPECIAL EDUCATION: CURRICULUM, METHODS, MATERIALS I

Study of curriculum, methods, and materials used with exceptional children who are gifted, mentally retarded, visually and hearing impaired. Topics will include basic considerations of learning environments as described by N.Y.S. Guidelines, task analysis, core curriculum, IEP, goal setting, and lesson planning.

2 lecture hours and 2 hours field work each week in classes for mentally retarded or orthopedically handicapped, 1 semester, 3 credits. Spring.

CS 325 SPECIAL EDUCATION: CURRICULUM, METHODS MATERIALS II

Study of curriculum, methods, and materials used with exceptional children who are learning disabled, emotionally disordered, autistic, orthopedically and health impaired, and multiply handicapped. Topics will include remediation, behavior modification, behavior management, teaching to strengths, drug control, IEP, goal setting, and lesson planning.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Fall

CS 401 RESEARCH IN CHILDHOOD EDUCATION

Research seminar in child development and childhood education. Independent research project required: personality study of an individual child, experimental research, historical research, or survey study.

(Grade of C- or higher required.)

2 lecture hours, 1 semester, 3 credits. Fall and Spring.

CS 410 STUDENT TEACHING IN THE ELEMENTARY SCHOOL (N-6)

Observation and practice teaching in the preschool and elementary grades arranged to meet the requirements of the N-6 certificate in New York State. Special hours each week for seminars, conferences, reports and discussions.

(Grade of C or higher required.)

Prerequisite: Approval of Recommendations Committee.

One semester in the schools: 5 mornings and 1 afternoon a week, 6 credits. Fall and Spring

CS 411 STUDENT TEACHING IN THE ELEMENTARY SCHOOL (N-6)

Observation and practice teaching in the preschool and elementary grades arranged for special students. Departmental approval required.

(Grade of C or higher required in this course.)

One semester in the schools: 3 mornings a week, 3 credits. Fall and Spring

CS 422 SPECIAL EDUCATION PRACTICUM

Observation and practice teaching in special education classes. Special hours each week for seminars, conferences, reports and discussions.

(Grade of C or higher required.)

Prerequisite: Approval of Recommendations Committee

150 hours, 1 semester, 4 credits. Fall and Spring

TE 100 TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (EDU 256)

A study of the theory, methods and materials used in the teaching of English to speakers of other languages. Topics include the cultural, psychological and linguistic considerations in teaching/learning a second language and the place of ESL in bilingual education.

2 hours a week, 1 semester, 2 credits. Spring 1986, 1988.

EDUCATION (SECONDARY)

S. Margaret Buckley, Ed. D., *Chairman*

Plan B, a program designed to prepare teachers for secondary schools, grades 7-12, offers students the opportunity to acquire the competencies needed for effective teaching of English, Mathematics, French, Spanish, Social Studies, Biology, Chemistry, and Speech. The program is approved for provisional teacher certification by the State Education Department. According to the regulations of the Regents of the State of New York, students who graduate after September 1984 will also be required to pass the National Teacher Examination to receive a certificate to teach in New York State.

St. Joseph's collaborates with Brooklyn Technical High School in conducting the program which is competency-based. Faculty of both institutions work together to assist students to develop the knowledge, skills, and attitudes needed by competent teachers.

Plan B students major in the subject they expect to teach. Specific requirements for the major are stated under each department's offerings. In order to be recommended for student teaching, students majoring in the following subjects must have a major cumulative index of 2.7: English, Mathematics, French, Spanish, History, Biology, Speech.

All students preparing to teach must complete two approved speech arts courses (three for English majors) and must demonstrate satisfactory speech.

Professional competence is developed through a sequence of courses which integrate theory and practice and which introduce the prospective teacher to working with students and teachers in a variety of school situations and in roles of increasing responsibility.

Candidates usually enter the program as sophomores. With the permission of the department, later entrance may be permitted.

Provisional certification as Teacher of Speech (K-12) may be obtained by two routes: by a Speech major on Plan B, or by a Child Study major/Speech concentrate on Plan B[1]. Special Education concentrates

are not eligible for this program. Students must apply for the Speech program to the Chairman of the Education Department during the spring of sophomore year, or in the case of transfer students, at the time of admission.

Other Students may elect Education courses with permission of the department.

Core Coures: Education 115, Educational Psychology, may be offered to fulfill the requirement in the Social and Behavioral Sciences.

Plan B: Secondary Education (Grades 7-12)

Teacher Of

Biology	French
Chemistry	Spanish
English	Mathematics

Social Studies

Required Courses (19 credits)	credits
EDU 115	3
PSY 125	3
EDU 234	2
EDU 360	3
EDU 361-366	2
EDU 473	6

Required Speech Courses (6 or 9 credits)	
SPC 102	3
SPC 106	3
SPC 117 (for English majors only)	3

Suggested Electives	
CS 121	3
CS 323	3
EDU 251	1

Teacher of Speech: Alternative Plans

For Speech majors on Plan B,
requirements as above under Plan B

CS 102	3

For Child Study majors/Speech concentrates on Plan B[1],
requirements as for N-6 certification described under Child Study

PSY 125	3
EDU 362	3

EDU 115 EDUCATIONAL PSYCHOLOGY

An introduction to the psychological foundations of education, aimed at developing basic competence in the understanding of growth and development, the psychology of personality and adjustment, the assessment and handling of individual differences, and the psychology of learning.

Observation and application in a field experience required of B Plan students.

Usually taken in sophomore year.

3 hours a week, 1 semester, 3 credits. Fall

EDU 234 SOCIOLOGICAL AND PHILOSOPHICAL FOUNDATIONS OF EDUCATION

An inquiry into the process of education as seen by the sociologist and the philosopher. Examination of selected contemporary problems, with emphasis on the needs of the urban school.

Weekly observing and assisting in a classroom required of B Plan students.

Usually taken in junior year.

2 hours a week, 1 semester, 2 credits. Spring

EDU 251 REMEDIAL READING IN THE SECONDARY SCHOOL

An introduction to methods and materials useful in the teaching and/or tutoring of secondary school students (grades 7-12) who have reading difficulties.

Recommended for all prospective secondary school teachers.

1 hour a week, 1 semester, 1 credit. Fall 1985, 1987

EDU 256 TEACHING ENGLISH TO SPEAKERS OF OTHER
(TE 100) LANGUAGES

A study of the theory, methods and materials used in the teaching of English to speakers of other languages. Topics include the cultural, psychological and linguistic considerations in teaching/learning a second language and the place of ESL in bilingual education.

2 hours a week, 1 semester, 2 credits. Spring 1986, 1988
(An additional credit possible for independent study.)

Senior Methods Block

The general and special methods courses, taken just prior to student teaching, are considered an integrated block, with a team of college instructors working together with high school teachers to help students develop competence. The total experience includes regular field work, supervised by the college, in one or more schools where students observe, tutor, assist with small groups, and begin to teach.

During the fall semester of 1984, students will spend one morning a week in Brooklyn Technical High School as part of their methods courses.

EDU 360 METHODS OF SECONDARY EDUCATION

A combined college-field course, seeking to develop competence in areas of common concern to secondary school teachers: the adolescent, curriculum, materials of instruction, methods, planning, motivation, evaluation, classroom management, audiovisual techniques, guidance and clarification of values, drug and alcohol education. Microteaching and classroom observation and practice.

3 hours a week plus field work, 1 semester, 3 credits. Fall

EDU 361 METHODS OF TEACHING ENGLISH IN SECONDARY SCHOOL

A study of aims, methods, and materials for the teaching of the language arts: composition, language, literature, reading, and speech. Observation and practice in high school classes.

2 hours a week plus field work, 1 semester, 2 credits. Fall

EDU 362 METHODS OF TEACHING SPEECH

A study of topics related to teaching speech communication at all levels, K-12: goals, current trends in curriculum development, instructional materials, teaching techniques, evaluation, professional growth. Observation and practice at various grade levels. May be taken in conjunction with EDU 360 by a Speech major on Plan B or by a Child Study major/Speech concentrate on Plan B[1], or may be elected by a Junior or Senior with departmental approval.

3 hours a week plus field work, 1 semester, 3 credits. Fall

EDU 363 METHODS OF TEACHING HISTORY AND SOCIAL STUDIES IN SECONDARY SCHOOL

A study of objectives, values, and problems of teaching history and social studies; high school curriculum and materials; classroom procedures and techniques; measuring the results of the teaching of social studies. Observation and teaching in high schools.

2 hours a week plus field work, 1 semester, 2 credits. Fall

EDU 364 METHODS OF TEACHING MATHEMATICS IN SECONDARY SCHOOL

A study of objectives and methods of teaching high school mathematics; recent curricular developments and their impact on methodology; practice in diagnosing errors and rating papers. Observation and practice in teaching.

2 hours a week plus field work, 1 semester, 2 credits. Fall

EDU 365 METHODS OF TEACHING MODERN LANGUAGES IN SECONDARY SCHOOL

A study of varied approaches to language learning, integration of culture and language; curriculum, materials, and planning for teaching French and Spanish. Observation, tutoring, demonstrations, and teaching in different types of high schools.

2 hours a week plus field work, 1 semester, 2 credits. Not offered 1984-'85.

EDU 366 METHODS OF TEACHING SCIENCE IN SECONDARY SCHOOL

A study of aims, methods, and materials for teaching the physical and biological sciences. Extensive field work including observation, demonstrations, and practice in presenting lessons in high schools.

2 hours a week plus field work, 1 semester, 2 credits. Fall 1985

EDU 473 SUPERVISED TEACHING IN SECONDARY SCHOOLS

Observation and supervised practice teaching, a minimum of five mornings a week, in a secondary school. Concurrent group and individual conferences, reports and discussions.

Prerequisites: Two approved speech courses; approval of Faculty Recommendations Committee.

1 semester, 6 credits. Spring

Career Education

The following courses are offered as a service to all students in the College by the Director of Counseling and Testing.

EDU 180 SELF EXPLORATION AND CAREER SEARCH I

An interdisciplinary approach to expanding knowledge of oneself in relation to a fuller life and the choice of a career. Value clarification, decision making, theories of career development, sources of career information, avocational interests.

Suggested for sophomores and juniors.

75 minutes a week for 10 weeks, 1 credit. Fall

EDU 181 CAREER SEARCH II

An interdisciplinary approach to career possibilities and the skills needed to find employment in a chosen career. The self-inventory, resume writing, the job interview, sources of career information, field trips and related experiences.

Suggested for juniors and seniors.

75 minutes a week for 10 weeks. 1 credit. Spring

ENGLISH

S. Margaret Jennings, Ph.D., *Chairman*

As one of the formative experiences of civilized life, the study of literature is an integral part of every person's intellectual development. All students, therefore, are encouraged to take a course in the 100 range which will extend the skills attained in Writing for Effective Communication and focus them on an understanding and appreciation of literary genres or of American literature.

Courses at the 200 level are delimited geographically and historically and aim at more sophisticated literary study; 300 level courses explore the works of individual authors; 400 level courses are generally restricted to junior and senior majors. The wide spectrum of literary and historical periods covered in the English department offerings provides for comprehensive background and the possibility of specialization in such areas as Major Authors, the American Experience, British Literature, and Creative Writing.

Core Courses: All 100 level literature courses and most courses in the 200 and 300 range.

The Major: 33 credits in addition to those earned in ENG 101 or 103.
18 of the 33 credits in courses above the 100 level.
Greek 132 or Latin 132 may be counted toward the major.

Required of Juniors
ENG 485 — 1 credit

Required of Seniors
ENG 486, ENG 402, ENG 403 — 8 credits

B Plan: 33 credits in addition to those earned in ENG 101 or 103.
18 of 33 credits above the 100 level.
The 33 credits must include a writing course and one course in each of the following: American, British, World Literature.
Speech 102 is required: two additional Speech Arts courses must be taken.

Area of Concentration: for Child Study Majors: twenty-one credits in English in addition to those earned in English 101 or 103; twelve of the twenty-one credits must be in courses above the 100 level.

ENG 101 WRITING WORKSHOP

Analysis and application of the principles of effective writing at a moderate pace. Individual conferences are devoted to remedial work dictated by students' needs. Research techniques are also implemented.

3 hours a week, 1 semester, 3 credits. Fall—Spring

ENG 103 WRITING FOR EFFECTIVE COMMUNICATION

Analysis and application of the principles of effective writing. Skills development in the performance of various writing tasks with attention to business communication. Research techniques also implemented.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ENG 104 NARRATIVE WRITING

Introduction to Narration: essentials, informational narratives, types; elements of the short story: plot, characterization, setting, dialogue.

Prerequisite: English 103 or written permission of the chairman.

3 hours a week, 1 semester, 3 credits. Spring 1985

ENG 105 CREATIVE WRITING

Introduction to Creative Writing: various exercises in non-fiction; practice in the writing of original verse; opportunity to develop skill in gothic style, fantasy, and storytelling.

Prerequisite: English 103 or written permission of the chairman.

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

ENG 106 INTERMEDIATE FICTION WRITING

Further development of the writing skills acquired in English 104 and 105. The class will function as a workshop: students will be expected to read their work, give critiques of their classmates' work, and meet fairly regularly in individual conferences with the teacher.

Prerequisite: English 104 or 105 or written permission of the chairman.

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

ENG 107 ADVANCED FICTION WRITING

A course in advanced writing designed to give students an opportunity to develop skill in the writing of the short story. Students will also be expected to read work in progress and criticize each other's writing in class.

3 hours a week, 1 semester, 3 credits. Fall 1984

ENG 108 JOURNALISM

Designed to introduce students to the principles of journalistic writing, the basic elements and issues of new stories, and the expository and investigative techniques essential for successful communication in the mode.

3 hours a week, 1 semester, 3 credits. Fall 1985

ENG 111 THE LANGUAGE OF FILM

A study of what is probably the most current and most popular form of communication. Film lectures will center on the history and development of film as an art form; class sessions will also include the viewing of selected short and feature films as well as discussion and written evaluation.

2 hours a week, 1 semester, 3 credits. Not offered 1984—85

ENG 114 APPRECIATION OF POETRY

A study of selected poems from world literature, which embody man's quests and aspirations. Poetic techniques will be examined.

3 hours a week, 1 semester, 3 credits. Fall 1984

ENG 115 THE SHORT STORY

Definition, characteristics, developmental history, and stylistic trends of the short story as a literary form. Reading and interpretation of representative modern short stories.

3 hours a week, 1 semester, 3 credits. Fall and Spring.

ENG 116 RELIGION IN LITERATURE

A study of various writers whose works reflect the existential nature of man's struggle to come to terms with his and God's place in the universe.

3 hours a week, 1 semester, 3 credits. Spring 1985

ENG 117 THE NEW YORK SCENE IN LITERATURE

An investigation of the literature of New York City from its Dutch beginnings to the present day, including the contribution of various immigrant and ethnic groups.

3 hours a week, 1 semester, 3 credits. Fall 1985

ENG 118 THE AMERICAN PERSPECTIVE

An exploration through literature of some unique aspects of the American experience: small town living, immigration, urban life styles, the Roaring Twenties, the Depression, race relations, alienation, concern for the future. Skill in interpretation and critical writing is developed.

3 hours a week, 1 semester, 3 credits. Spring 1986

ENG 122 AMERICAN PLAYWRIGHTS

A study of selected plays and playwrights; various techniques are analyzed and discussed; representative scenes are performed to illustrate form and content.

3 hours a week, 1 semester, 3 credits. Fall

Suggested Background for Courses in the 200-300 range:

COURSE	BACKGROUND
ENG 219, 221, 233	GREEK 132, LATIN 132
ENG 234	ENG 114, 115
ENG 245	ENG 241
ENG 253	ENG 114
ENG 257	ENG 115, 117
ENG 258, 259	ENG 117, 118, 257
ENG 320	GREEK 132, LATIN 132, ENG 221

ENG 218 MEDIEVAL LITERATURE

An introduction to the literary heritage of the Middle Ages, with special emphasis on the Spanish, French, Italian, and Latin backgrounds of Middle English. Rescued from obscurity are such important texts as the *Owl and the Nightingale,* the *Apocalypse of Golias,* and the *Testament of Cresseid,* while the student is also invited to browse in the gardens of medieval romance, epic and lyric.

3 hours a week, 1 semester, 3 credits. Spring 1986

ENG 219 LITERATURE OF THE ENGLISH RENAISSANCE

Nondramatic literature of the English Renaissance as exhibited in the more important works in verse and prose of such representative writers as More, Sidney, Spenser, Marlowe, and Shakespeare.

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

ENG 221 SEVENTEETH CENTURY LITERATURE

The prose, poetry, and drama of the seventeenth century with religious, political, and social backgrounds; the Puritan, the Cavalier, and the Metaphysical writers of the century; the Restoration and its literature.

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

ENG 222 EIGHTEENTH CENTURY LITERATURE

The prose and poetry of the eighteenth century with political and social backgrounds; from the time of Pope through the days of Dr. Johnson; discussion of the beginnings of romanticism.

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

ENG 231 COMEDY

A historical and developmental study of the form from earliest times to the present. Selected texts will be studied to illustrate the vagaries in the genre.

3 hours a week, 1 semester, 3 credits. Spring 1986

ENG 232 TRAGEDY

A historical and developmental study of the form from earliest times to the present. Selected texts will be studied to illustrate the various definitions of tragedy.

3 hours a week, 1 semester, 3 credits. Not offered 1984-85.

ENG 233 PROSE AND POETRY OF THE ENGLISH ROMANTIC MOVEMENT

A study of the complete works, including poetry and prose, of the six major Romantic poets; Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.

3 hours a week, 1 semester, 3 credits. Spring 1985

ENG 234 A VICTORIAN TREASURY

A study of representative Victorian poets and prose writers; Tennyson, Browning, Mill, Arnold, Newman and Hopkins; current social and intellectual movements with relation to the literature of the period.

3 hours a week, 1 semester, 3 credits. Spring 1986

ENG 241 THE RISE AND DEVELOPMENT OF THE NOVEL

Reading, reports and lectures on the English, the continental, and the American novel from its rise through the nineteenth century.

3 hours a week, 1 semester, 3 credits. Fall 1985

ENG 245 MODERN BRITISH NOVEL

Beginning with Thomas Hardy this course will explore the development of the British novel within the context of the experimental techniques of continental fiction.

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

ENG 253 MODERN POETRY

An in-depth study of Eliot, Frost, Yeats, and Stevens with side glances at Moore, Williams, Pound, Thomas, and their poetic colleagues.

3 hours a week, 1 semester, 3 credits. Spring 1986

ENG 256 THE BIBLE AS LITERATURE

A study of the historical development of the English Bible; the literary analysis of selections from both Old and New Testaments with emphasis upon the poetry and narrative elements; the relationship between the 1611 translation of the English Bible and the mainstream of British and American Literature.

3 hours a week, 1 semester, 3 credits. Fall 1984

ENG 257 COLONIAL AND EARLY NATIONAL AMERICAN LITERATURE

To examine the inter-relationship of literature and environment as evidenced in the writings of the period 1620-1840. The course will stress those elements of the literature that reveal its European origins and at the same time attempt to surface those elements that are unquestionably American.

3 hours a week, 1 semester, 3 credits. Spring 1985

ENG 258 AMERICAN RENAISSANCE

This course will include a study of major American writers of the period 1840-1890. It will concern itself with the development of a uniquely American literature and focus on Emerson, Thoreau, Hawthorne, Melville, Poe, Dickinson, and Whitman.

3 hours a week, 1 semester, 3 credits. Fall 1984

ENG 259 MODERN AMERICAN NOVEL

An examination of the new fictional techniques and thematic concerns of the American novel beginning with Henry James and concluding with Saul Bellow.

3 hours a week, 1 semester, 3 credits. Fall 1985

ENG 302 DANTE

The great medieval poet comes alive through consideration of his *Convivio* and *Vita Nuova* in addition to the magnificent *Commedia*. Dante' s seminal influence on medieval and later literature is also an important focus in this course.

Independent readings plus intensive mini-session. 2 or 3 credits. Spring 1985

ENG 305 CHAUCER

To know "the first of the greats" in himself, in his position as a love poet, in his relation to the social, cultural, and religious milieu of the fourteenth century. Approaches to this vary but the emphasis is on the Chaucerian literary canon.

3 hours a week, 1 semester, 3 credits. Fall 1985

ENG 320 MILTON

Reading and interpretation of *Paradise Lost, Paradise Regained, Samson Agonistes*, together with Milton's minor poems and selections from his prose. Class discussions and reports suggested by the study.

3 hours a week, 1 semester, 3 credits. Fall 1984

ENG 330 SHAKESPEARE

A survey of the literary period of Shakespeare and its influence on the drama; reading and interpretation of Shakespearean plays; study of the structure and types of plays, including the early comedies and tragedies, history plays, and joyous comedies.

2 hours a week, 1 semester, 2 credits. Fall

ENG 331 SHAKESPEARE

The study indicated in English 330 continued in further detail; reading and interpretation of the bitter comedies, tragedies, and tragicomedies; written reports suggested by the study.

2 hours a week, 1 semester, 2 credits. Spring

ENG 402-403 ADVANCED SURVEY OF ENGLISH LITERATURE AND LITERARY CRITICISM

A detailed consideration of the literature of England in its historical-social background from earliest Anglo-Saxon writing through the twentieth century. Theories of literary criticism discussed where applicable.

Required of English majors in their senior year.

3 hours a week, 2 semesters, 6 credits. Fall and Spring.

ENG 485-486 SEMINAR IN LITERATURE

A study of the methods and techniques of literary research, with special attention to sources and bibliographical problems. Individual research in a restricted field of English or American literature, terminating in the preparation of a thesis.

Required of English majors.

1 hour a week, spring semester, 1 credit, junior year.

2 hours a week, fall semester, 2 credits, senior year.

CO-CURRICULAR WORKSHOP IN DRAMATICS may be offered for academic credit in accordance with the policy that "students may earn 1/2 academic credit per semester for a total of two credits toward the degree for participation in Art Club, Modern Dance Club, Chapel Players (Dramatics), and Men's/Women's Varsity Basketball." Consult Moderator and Director of Chapel Players

CASSETTE COURSES

To encourage independent work, the English Department offers courses in American and other literatures in which lectures are on tape and students respond by means of study guides.

ENG 237 MODERN AMERICAN DRAMA (Cassette Course)

A study of the major American dramatists of the twentieth century. By means of cassettes and study guides, two plays from each of the following authors will be considered: Thornton Wilder, Arthur Miller, Tennessee Williams, Clifford Odets, Eugene O'Neill and Edward Albee. 2 credits.

A third credit can be obtained through the completion of an extended research paper. For the third credit, consultation with the supervising professor will be necessary.

ENG 238 MODERN EUROPEAN DRAMA (Cassette Course)

This course will investigate the development of modern drama in the European tradition from Ibsen to the Absurdists. Tapes and study guides are provided. Independent study.

2 credits.

An additional credit can be earned through the completion of an extended research paper. For the third credit, consultation with the supervising professor will be necessary.



FINE ARTS

The arts embody some of the highest aspirations of the human spirit. Convinced of this, the Fine Arts Department seeks to introduce students to the enjoyment of the masterpieces of music and art. They are taught to develop their taste and deepen their critical sense as they pursue introductory work. Additional courses are offered for those students who desire further enrichment or technical skills.

Co-curricular workshops in art and dance may each receive academic credit in accordance with the policy that "students may earn 1/2 academic credit per semester for a total of two credits toward the degree for participation in Art Club, Modern Dance Club, Chapel Players (Dramatics), and Mens/Women's Varsity Basketball."

ART

Josephine Belloso, M.A., *Departmental Representative*

Core Courses: *Art 100, 185.* If a student takes one of the core courses in Art, then other courses may be taken for additional credit; however, only one studio course may be offered toward the Core Curriculum.

ART 100 THE UNDERSTANDING AND APPRECIATION OF ART

A study of the creative impluse in man as expressed in painting, architecture and sculpture from prehistoric times to the twentieth century, with emphasis on art as a reflection of the religious, cultural and social attitudes of the times. Illustrated lectures, discussions and museum visits.

May be offered for the Core Curriculum.

3 hours a week, 1 semester, 3 credits. Fall 1984

ART 121 MODERN ART

A survey of nineteenth and twentieth century art, analyzing art movements and their interpretation of our contemporary culture. Analysis and discussion of representative works, with the purpose of developing aesthetic judgement. Illustrated lectures, discussions and visits to museums and galleries.

3 hours a week, 1 semester, 3 credits. Not offered 1984-85.

ART 185 ART AS COMMUNICATION

An introduction to the fine and functional arts. Analysis of how the painter, sculptor and architect use art elements and materials as a means of expression and communication. Discussion of the relationship of art to human needs and the role of art in daily life: the community, school, home and religion. Studio projects, and illustrated lectures.

May be offered for the Core Curriculum.

3 hours a week, 1 semester, 3 credits. Fall 1984

Studio

The emphasis of studio courses is to guide the students in discovering, developing and expressing their creative potential. Exposure to varied approaches and techniques offers the beginning as well as the advanced student, a broad scope for individual growth and expression.

ART 182 INTRODUCTION TO STUDIO TECHNIQUES

A studio course which introduces the student to the basic skills, methods and techniques of applied art. Design projects in silk screen printing, mosaics, stained glass and batik, offer a variety of experiences.

3 hours (studio) a week, 1 semester, 2 credits. An additional credit for individualized studio work is possible with department approval. Fall 1985.

ART 183 DRAWING

An introduction to the skills and creative possibilities of drawing. This course is designed to enable the students to discover and develop their own unique styles and expressive qualities. Group discussion and analysis develops a critical awareness of the work of others as well as their own.

3 hours per week, 1 semester, 2 credits. This course may be taken for 3 credits only with department approval. Spring 1986.

ART 184 PAINTING

Varied techniques and approaches to painting are explored to develop and expand the student's capabilities and modes of expression. Oil and acrylics.

3 hours (studio) a week, 1 semester, 2 credits. An additional credit is possible with department approval. Spring 1985

ART 186 CERAMICS

A basic course in methods of working with clay including firing and glazing techniques. Emphasis will be given to the developing of good

structural form and decorative design.

3 hours (studio) a week, 1 semester, 2 credits. An additional credit for individualized studio work is possible with departmental approval. Fall 1984

ART 187 INTERIOR DESIGN

Fundamental art principles and how they function in home planning and decoration. The course includes an analysis of architectural and design problems as well as a study of styles of furniture.

3 hours a week, 1 semester, 3 credits. Spring 1985

ART 190 CERAMIC SCULPTURE

A beginner's course designed to teach basic skills and develop creative expression in clay. Sculpture projects will be planned to explore students' interests and capabilities.

3 hours (studio) a week, 1 semester, 2 credits. An additional credit for individual studio work is possible with departmental approval. Fall 1985.

ART 288 INDEPENDENT STUDY IN VARIOUS MEDIA

A course developed to meet the needs and interests of students for creative individualized study and experimentation. Departmental approval is required.

3 hours (studio) a week, 1 semester, 2 credits.

ART 289 INDEPENDENT STUDY IN PRINTMAKING

A course designed to explore printmaking in depth. Projects will be based on students' backgrounds and experience. Coursework will be designed to further explore each student's creative potential. Department approval is required.

3 hours (studio) a week, 1 semester, 2 credits.

DANCE

Core Course: *Dance 101.* This course may fulfill the humanities option or the Physical Education option of one semester of dance. However, it may not be used as one of the six humanities areas.

DAN 101 TECHNIQUE AND SOURCES OF MODERN DANCE

A comprehensive course designed to provide students with an understanding of both the physical and creative aspects of Dance. Emphasis on movement training in modern dance techniques. An introduction to dance as an art form: history and criticism, elements of choreography, the relationship of dance to other arts.

Students may select this course to fulfil the core curriculum option of one semester of dance, and the Physical Education option of one semester of dance.

3 hours a week, 1 semester, 3 credits. Fall and Spring

DAN 201 TECHNIQUE AND SOURCES OF MODERN DANCE

A continuation of Dance 101.

Prerequisite: Dance 101

3 hours a week, 1 semester, 3 credits. Spring

CO-CURRICULAR WORKSHOP IN DANCE may be offered for academic credit in accordance with the policy that "students may earn 1/2 academic credit per semester for a total of two credits toward the degree for participation in Art Club, Modern Dance Club, Chapel Players (Dramatics), and Men's/Women's Varsity Basketball." Consult Moderator of the Modern Dance Club.

MUSIC

Cynthia Parrett, M.M., *Departmental Representative*

Core Courses: *Music 100, 101, 108.* If a student takes one of the core courses in Music, then other courses may be taken for additional credit; however, only one studio course may be offered toward the Core Curriculum.

MUS 100 THE UNDERSTANDING AND ENJOYMENT OF MUSIC

A course in perceptive listening. Study of various forms and styles in the musical literature from the Medieval to the Contemporary period. Illustrative recordings, required attendance at concerts.

3 hours a week, 1 semester, 3 credits. Fall and Spring

MUS 101 BASIC THEORY

Introduction to basic theory: intensive drill in notation and visual recognition in treble and bass clefs of key signatures, scales, intervals and meters; development of a sense of tonality through basic sight singing and melodic dictation.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis.

MUS 108 THE OPERA

The evolution of the opera. Historical background of the great composers. Representative recordings to supplement the lectures. Analysis of several individual operas. Required attendance at an opera performance.

3 hours a week, 1 semester, 3 credits. Spring 1985.

MUS 207 TWENTIETH CENTURY MUSIC

A survey of the outstanding composers since the turn of the century, including Debussy, Ravel, Stravinsky, Schoenberg, Berg, Webern, Milhaud, Honegger, Poulenc, Bartok, Hindemith, Prokofiev, Shostakovitch, Vaughan-Williams, Britten, Charles Ives, Copland and other American composers. The historical background of the composers, their aesthetics and style characteristics, with special reference also to serial, aleatoric, electronic music and jazz.

Prerequisite: Music 100 or permission of the instructor.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis.

MUS 208 THE CLASSICAL ERA (1750-1820)

The classical style of Composer, Patron and Public in the Viennese Period: exploration of Sonata Form, Theme and Variations, Classical Symphony, Classical Concerts and Chamber Orchestras; treatment of basic concepts, terms and forms of design in Classical Music; presentation and analysis of the works of Franz Joseph Haydn, Wolfgang Amadeus Mozart and their Classical contemporaries.

Prerequisite: Music 100 or permission of the instructor.

3 hours a week, 1 semester, 3 credits. Fall 1985

MUS 209 THE BAROQUE ERA (1600-1750)

The history of Early, Middle and Late Baroque in Italy, France, the Netherlands, England and Germany. A study of the recitative style, lute and keyboard music; cantata, oratorio, and opera. Special reference to the music of Gabrieli, Monteverdi, Frescobaldi, Lully, Corelli, Purcell, Couperin, Vivaldi, Telemann, Rameau, Bach, Handel and Scarlatti.

Prerequisite: Music 100 or permission of the instructor.

3 hours a week, 1 semester, 3 credits. Spring 1986.

MUS 210 THE ROMANTIC ERA

Musical thought in the 19th century. The Romantic Movement as manifested in music. Changing forms of musical composition such as the symphony, concerto and opera. Special study of the works of Schubert, Schumann, Chopin, Brahms, Berlioz, Wagner and Verdi.

Prerequisite: Music 100 or permission of the instructor.

3 hours a week, 1 semester, 3 credits. Fall 1984

HISTORY

S. Teresa Avila Burke, Ph.D., *Chairman*

The courses in history are semestral and are arranged to meet the needs not only of history majors, but of all students who are interested in history for its value as a liberal discipline. The courses are designed to present either a general survey of some civilizations, or an intensive analysis of more specialized fields in order that the student may acquire a deeper appreciation of the historical process, a fuller comprehension of human person in the context of time, and a body of knowledge which will generate perspective on contemporary issues.

History is an excellent major for pursuing graduate work in the new field of public history. Consult the chairman for advice in selecting courses. In addition, there are three suggested sequences for history majors who wish to add an area of specialization to their majors: a certificate program in Business Management, a sequence in Pre-Law and one in the Spanish language.

Students intending to pursue history in graduate school are strongly advised to acquire a reading knowledge of a foreign language. In addition, their selection of courses should cover a broad survey of Western and World history.

Phi Alpha Theta

St. Joseph's College has a chapter, Phi Mu, of the international history honor society, Phi Alpha Theta. See section on Academic Life.

Core Courses: History 120, 129, 130, 132, 141, 142, 150, 160, 162, 163, 165, 167, 170, 172.

(Note: Courses in the 200's and 300's are open to all students after the required core course with advisement of the chairman of the department. Courses in the 400's are open to majors only.

The three credits required for the core may be included in the thirty required for the major as well as in the twenty-one required for the area concentration in History.)

Major: A senior thesis is due April 1 of the year of graduation for all history majors.

Required Courses (30)	***credits***
HIS 410	2
HIS 411 (Thesis due April 1)	2
HIS 420	2
History electives with the advice of the Chairman	24

B Plan: Teaching Social Studies in Secondary Schools.

History	***credits***
HIS 410	2
HIS 411 (Thesis due April 1)	2
HIS 420	2
HIS 170 & 172	6
	12
Choose one course from each group	
HIS 120, GRK 131, LAT 131	3
HIS 129, 160	3
HIS 130, 132, 162	3
HIS 141, 142, 163, 165, 232	3
HIS 150, 310	3
Choose two courses from	
HIS 210, 215, 220, 224	6
	21
Required Social Science	
ECO 120	3
ECO 178	3
POL 102 or 103	3
SOC 100	3
ANT 200	3
One other course in either economics or political science	3
	18

Area of Concentration for Child Study Majors: Child Study Majors will elect their courses (21 credits) with the approval of the Child Study Department.

HIS 118 EVENTS THAT SHAPED MODERN EUROPE

An attempt to show how economic, social, intellectual and political forces changed Europe between 1650 and the present; how European civilization influenced other parts of the world and how two world wars changed the great power relationships of the contemporary world.

3 hours a week, 1 semester, 3 credits. Spring

HIS 120 ANCIENT HISTORY

Explores the mysteries of earliest man and his civilizations with particular emphasis on the Greco-Roman world.

3 hours a week, 1 semester, 3 credits. Fall

HIS 129 THE MEDIEVAL EXPERIENCE

The emergence of European civilization from the decline of the Roman Empire to the "summer" of the middle ages in the fourteenth century, setting the scene for the rise of Modern Europe.

3 hours a week, 1 semester, 3 credits. Fall

HIS 130 THE RENAISSANCE

The rise of modern man in relation to revolution: intellectual, spiritual, commercial. The period 1300-1527 will be examined as a time of political experimentation and expanding world horizons.

3 hours a week, 1 semester, 3 credits. Fall 1985

HIS 132 AN AGE OF POWER

Europe 1500-1660 viewed as an era of drama, power, conflict in politics, in the rise of modern states, in mercantilism. The rise of the scientific revolution and the baroque cultural world will also be considered.

3 hours a week, 1 semester, 3 credits. Fall 1984

HIS 141 THE FRENCH REVOLUTION AND NAPOLEON 1789-1815

This period will be considered within the context of the Atlantic Community and the Ancien Regime. The causes of the French Revolution in depth, the course of the Revolution, the "Napoleonic Revolution," and the lasting effects of the era will be covered.

3 hours a week, 1 semester, 3 credits. Fall

HIS 142 NINETEENTH CENTURY EUROPE

An analysis of the forces for change in 1815-1914 and their impact on individual Western European states. Special consideration will be given to the 'new' imperialism and the outbreak of World War I.

3 hours a week, 1 semester, 3 credits. Spring

HIS 150 AGE OF HOPE AND DISILLUSIONMENT: TWENTIETH CENTURY WORLD

An analysis of man's endless search for peace and security from World War I to the present, with particular emphasis upon the European scene.

3 hours a week, 1 semester, 3 credits. Spring

HIS 160 MEDIEVAL ENGLAND

An in-depth study of England from prehistoric times to the rise of the Tudors with emphasis upon constitutional development, social and cultural patterns.

3 hours a week, 1 semester, 3 credits. Spring 1986

HIS 162 TUDOR-STUART ENGLAND

England from the rise of the Tudors to the restoration of Charles II, 1485-1660. England's role in a time of renaissance, religious conflict. Civil War will be analyzed with emphasis upon economic and constitutional development and the beginnings of Empire

3 hours a week, 1 semester, 3 credits. Fall 1986

HIS 163 GREAT BRITAIN AND EMPIRE

British Isles: 1660 to accession of Queen Victoria in 1827. Political and constitutional developments under late Stuarts; the 'Glorious' Revolution; a century of Imperial wars; Anglo-French Rivalry; political developments under the "Four Georges"; era of Revolutions and reforms.

3 hours a week, 1 semester, 3 credits. Fall 1984

HIS 165 GREAT BRITAIN IN MODERN TIMES

British history from accession of Victoria to the present with emphasis upon the governing structure, social, economic reforms, the intellectual scene; rise of Labor Party, development and changes in the British Commonwealth of Nations; England in two World Wars; England and post-World War II era.

3 hours a week, 1 semester, 3 credits. Spring 1985

HIS 167 HISTORY OF IRELAND

Survey of Irish history from pre-historic times to the present. Emphasis will be on both political and cultural heritage, as well as on social and economic problems. The present conflict between North and South Ireland will be considered in depth.

3 hours a week, 1 semester, 3 credits. Spring 1987

HIS 170 AMERICAN HERITAGE I

An historical study of the United States from the American Revolution through Reconstruction, 1763-1877.

3 hours a week, 1 semester, 3 credits. Fall

HIS 172 AMERICAN HERITAGE II

A continuation of the study of United States History from Reconstruction to the present. Both semesters of American History will consider problems of the Northern Hemisphere with emphasis upon Canada.

3 hours a week, 1 semester, 3 credits. Spring

HIS 210 MODERN SUB-SAHARAN AFRICA

A survey of contemporary Africa south of the Sahara with emphasis upon internal history in the twentieth century from the viewpoint of current situations.

3 hours a week, 1 semester, 3 credits. Spring 1985

HIS 215 THE ARAB WORLD

North Africa and the Middle East in the nineteenth and twentieth centuries from the veiwpoint of contemporary issues. The State of Israel will be considered in relation to the Arab world.

3 hours a week, 1 semester, 3 credits. Spring 1986

HIS 220 EAST ASIA

The history and culture of China, Korea, Japan with an emphasis upon understanding the contemporary scene in light of the past.

3 hours a week, 1 semester, 3 credits. Spring 1988

HIS 224 SOUTH AND SOUTHEAST ASIA

A study of post World War II developments in India, Pakistan and Southeast Asian countries in light of past history. Emphasis will be upon the rise of nationalism, problems of a social and economic order and an evaluation of world involvement in the areas.

3 hours a week, 1 semester, 3 credits. Spring 1987

HIS 231 MEDIEVAL RUSSIA

The evolution of the Russian state from the Medieval Kievan period through the throes of modernization under Peter and Catherine up to the eve of the Great Reforms.

3 hours a week, 1 semester, 3 credits. Spring 1987

HIS 232 MODERN RUSSIA

An analysis of the economic, intellectual, social and political changes in Russia from the time of the Great Reforms to the present.

3 hours a week, 1 semester, 3 credits. Spring 1985

HIS 239 HISTORY OF THE ORTHODOX CHURCH

A survey of the belief, culture and historical development of the Eastern Orthodox Church with emphasis on the national churches.

2 hours a week, 1 semester, 2 credits. Spring 1986

HIS 250 LATIN AMERICA

Iberian civilization in America from its colonial period to the present. Focus will be on the emergence of selected countries as modern nations and upon Latin America in hemispheric and world affairs in the twentieth century.

3 hours a week, 1 semester, 3 credits. Fall 1984

HIS 263 WORLD CITIES

A comparative study of selected world cities, surveying universal urban problems against specific historical and environmental settings. Selections will include Africa, Asia, as well as Europe and the Americas.

3 hours a week, 1 semester, 3 credits. Fall 1985

HIS 310 AMERICAN FOREIGN POLICY

Principles and problems in American diplomatic history in periods of national and world crisis.

3 hours a week, 1 semester, 3 credits. Spring 1986

HIS 321 AMERICAN SOCIAL AND INTELLECTUAL HISTORY

Discussion on selected topics of the non-political aspects of American history, including economic influences, racial contributions, literary, artistic and scientific trends as well as religious problems and reform movements.

3 hours a week, 1 semester, 3 credits. Not offered 1984-'85

HIS 331 THE AMERICAN COLONIAL EXPERIENCE: 1607 — 1776

A study of the process by which English settlers evolved into Americans. Particular stress will be given to intellectual and religious trends, the forms of government, the transformation of the social order, the causes of the American Revolution.

3 hours a week, 1 semester, 3 credits. Fall 1985

HIS 335 AMERICAN CIVIL WAR AND RECONSTRUCTION

An examination of why the crisis occurred when it did, of the main actors in the tragedy, and of the short and long range consequences of the War between the States.

3 hours a week, 1 semester, 3 credits. Spring 1985

HIS 340 HISTORY OF NEW YORK: STATE AND CITY

An analysis of the history of New York from its Dutch beginnings to the present. An introduction to the depositories of materials on local history.

3 hours a week, 1 semester, 3 credits. Not offered 1984-'85

HIS 346 BROOKLYN REDISCOVERY

An interdisciplinary inquiry into the social, political, economic and cultural forces which have shaped Brooklyn, this course will combine background reading in classical and modern urban theory with active exploration of the city itself. Students will undertake projects designed to familiarize them with urban record-keeping, the industrial growth and commercial diversity of the area and with the multi-faceted

community structure which gives such marked personality and character to Brooklyn today.

This course was developed by inter-collegiate faculty, funded by the National Endowment for the Humanities.

3 hours a week, 1 semester, 3 credits. Fall 1986

HIS 361 FAMOUS MEN AND WOMEN: BIOGRAPHY AS HISTORY

Certain great men and women will be singled out for a study of their influence on the course of history.

3 hours a week, 1 semester, 3 credits. Spring 1987

HIS 410 SEMINAR IN HISTORICAL METHODOLOGY

An introduction to the principles of historical criticism and the methods of historical research. Seminar includes an examination of a restricted field of history as a laboratory subject and the beginning of the required thesis for seniors.

Required of all history majors in Junior year

2 hours a week, 2 credits. Spring

HIS 411 SENIOR THESIS

Seniors complete the required thesis under the supervision of a faculty member.

2 credits. Spring of Senior year

HIS 420 HISTORIOGRAPHY — SEMINAR

The nature of history and various approaches to history. Readings and discussions of selected great historians from earliest times to the present, including both Western and non-Western civilizations.

Required of all history majors in Senior year

2 hours a week, 1 semester, 2 credits. Fall

HIS 430 DIRECTED READINGS

Readings and tutorials arranged for the individual student with a faculty member in a field of faculty member's special interest.

Open only to juniors and seniors in the History Department, with the approval of the Department Chairman. (Students should have a general background of the period in which they wish to read).

3 credits. Fall and Spring

HIS 435 SUPERVISED INTERNSHIP

The student will spend four or six hours per week as an intern in an historical society, museum, a city library, or any other agency that will provide an experience in historical methodology and research. The professor, the student, and the agency representative will work out the contractual terms of the course.

Open to history majors and concentrates.

2 or 3 credits. Fall and Spring

SUGGESTED SEQUENCES FOR HISTORY MAJORS:

CERTIFICATE PROGRAM IN BUSINESS

Required Business Courses (12 credits)
BUS 100, 110, 130, 230

Required Business Electives (9 credits)
Recommended: BUS 120, 122, 226

Required from other fields (6 Credits)
ENG 103, MAT 150

SUGGESTEO ELECTIVES FOR PRE-LAW

POL 103, 280
PHI 123
BUS 110, 150
SPC 102
MAT 150
History courses should include HIS 170, 160, 165

SUGGESTED ELECTIVES FOR SPANISH

Recommended Courses (15 credits)		***credits***
Any four courses from the following group:		
SPN 201	Intermediate Spanish I	3
SPN 202	Intermediate Spanish II	3
SPN 211	Spanish Readings I	3
SPN 212	Spanish Readings II	3
SPN 221	Advanced Grammar I	3
SPN 222	Advanced Grammar II	3
Either one of the following two courses:		
SPN 108 or 223	Intensive Conversation or Spanish Conversation	3

LANGUAGES, MODERN AND CLASSICAL

Robert Radus, Ph.D., *Chairman*

Modern Languages

The study of foreign language provides a new experience, progressively widening the student's horizons through a new language and a new culture pattern. Thus, the Modern Language Department strives to develop:

1. The acquisition of a set of basic skills making practical and effective communication possible.
2. An appreciative interest in foreign literature to be able to respect and understand the values and behavior patterns of the people whose language is being studied.
3. An awareness of the universality of human experience, and a spirit of community service, where possible.

Students who wish to begin a language will take French 151, Spanish 151, or Italian 151.

FRENCH

Core Courses: French 151, 152, 201, 202, 231.

Any student who enters with two or more years of the language, may offer an advanced course/s for the core.

Major: A student who begins the study of French in the College will be permitted to major in that language, but French 151 and 152 will not be credited toward the 30 credits required in the major unless special permission is granted.

Required courses for students *entering with two or more years* of the language are: French 201, 202, 231, 301, 302, 303, 304, 305 and 6 credits chosen from 213, 214, 215, 306, 307, and 401.

A maximum of 15 transfer credits will be accepted toward the major. Prerequisites for all advanced literature courses: French 201, 202 or their equivalents.

An average grade of B- is required in all College French courses applied toward the major.

French majors on the A plan may, in their senior year, earn a maximum of 6 credits in an arranged work-study plan.

Area of Concentration for Child Study Majors: Required courses for beginners: French 151, 152, 201, 202, and 9 credits chosen from 213, 214, 215, 231, 301, 302, 303, 304, 305, 306, 307. Required courses for students *entering with two or more years* of the language: French 201, 202, 302, 303, and 9 credits chosen from 213, 214, 215, 231, 301, 304, 305, 306, 307.

A maximum of 12 transfer credits will be accepted toward the area of concentration. Students may credit French 151 and 152 toward the 21 points required.

Introductory

FRE 151 ELEMENTARY

Fundamentals of grammar and pronunciation for beginners; exercises in conversation; supplementary outside readings.

3 hours a week, 1 semester, 3 credits. Fall

FRE 152 ELEMENTARY

Continuation of French 151; fundamentals of grammar completed; continued drill in oral and written French; supplementary outside readings.

Open to students offering French 151

3 hours a week, 1 semester, 3 credits. Spring

FRE 201 INTERMEDIATE

Review of grammar; exercises in diction; conversational practice; supplementary outside readings.

Open to students offering French 152 or two years of high school French

3 hours a week, 1 semester, 3 credits. Fall 1984

FRE 202 INTERMEDIATE

Review of grammar concluded; exercises in diction; conversational practice; supplementary outside readings.

Open to students offering French 201

3 hours a week, 1 semester, 3 credits. Spring 1985

FRE 213 PHONETICS AND ADVANCED CONVERSATION

The basic sounds of French; exercises in intonation, discussion of selected topics of conversation.

For majors and students whose primary aim is to develop fluency in speaking.

Open to students with a minimum of three years of high school French

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

FRE 214 ADVANCED COMPOSITION

Advanced study of vocabulary, idioms. Translation into French, corrective grammar exercises. Free composition on selected topics.

For majors and students with a minimum of three years of high school French.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

FRE 215 ADVANCED GRAMMAR FOR TEACHERS

A specialized grammar course for majors who intend to teach French.

Open only to majors on the "B" plan; others must have the permission of the chairman; to be taken in the eighth semester, concurrently with practice teaching.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

FRE 231 FRENCH CIVILIZATION

An introduction to the civilization and the culture of the French people, their geography, history, and institutions; French architecture, painting, sculpture, music, films, cooking, and wine; outside readings and research.

Conducted in English and open to the entire student body without language prerequisites.

3 hours a week, 1 semester, 3 credits. Spring 1986

FRE 241 WORKSHOP IN CLASSICAL FRENCH COMEDY: MOLIERE

See Drama Workshops in Translation.

FRE 253 WORKSHOP IN THE THEATRE OF THE ABSURD

See Drama Workshops in Translation.

FRE 254 WORKSHOP IN TWENTIETH CENTURY FRENCH DRAMA

See Drama Workshops in Translation.

Advanced

FRE 301 INTRODUCTION TO FRANCE'S GOLDEN AGE

Corneille, Racine, Moliere. Conducted in French.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

FRE 302 SURVEY OF FRENCH LITERATURE

History of French literature from the *Chanson de Roland* to the end of the Golden Age; assigned readings in French from representative authors supplementing the lectures. A number of class periods devoted to student reports. Conducted in French.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

FRE 303 SURVEY OF FRENCH LITERATURE

History of French literature of the eighteenth and nineteenth centuries, outside readings and reports as in French 302. Conducted in French.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

FRE 304 MODERN LITERATURE

Study of trends in modern French literature and the works of representative modern and contemporary authors. Outside reading; class discussion and reports. Conducted in French.

Open to students who have completed French 202 or three years of high school French.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

FRE 305 SURVEY OF FRENCH NOVEL

A study of the French novel from the seventeenth century to Proust. Outside reading and reports. Conducted in French.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

FRE 306 ROMANTIC PERIOD OF FRENCH LITERATURE

Rousseau, Chateaubriand, Mme de Stael, Lamartine, Vigny, Musset, Hugo. Conducted in French.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

FRE 307 THE FRENCH CONTEMPORARY THEATRE

Twentieth century French drama from Claudel to Beckett. Conducted in French.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

FRE 401 SEMINAR IN FRENCH LITERATURE

Analysis of the works of a selected author or examination of a literary movement. Research, critical reports, and discussions. Conducted in French.

A major course for Seniors.

Juniors may register for this course with special permission from the chairman of the department.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

ITALIAN

Core Courses: ITL 151, 152.

ITL 151 FUNDAMENTALS I
Basic grammar. Exercises in pronunciation, intonation, and aural comprehension. Dialogues.
3 hours a week, 1 semester, 3 credits. Fall

ITL 152 FUNDAMENTALS II
Continuation of Italian 151. Selected readings. Open to students who have completed Italian 151 or its equivalent.
3 hours a week, 1 semester, 3 credits. Spring

ITL 241 WORKSHOP IN THE THEATRE OF THE MIND: PIRANDELLO
See Drama Workshops in Translation.



SPANISH

The Spanish Department aims to develop in students proficiency in understanding, speaking, reading, and writing the language.

Through a study of the classics of Spanish literature, it further aims to develop a knowledge and appreciation of their aesthetic value together with insights into the culture of the peoples of the Hispanic World.

Core Courses: If the student has fulfilled the prerequisites, any course may be offered for the core, with the exception of SPN 210 and SPN 241.

Major: Spanish 401 and 402 are required. Twenty-seven credits in electives will be chosen with the advice of the department representative. It is suggested that students take Greek 132 and Latin 132 in addition to the thirty credits required for the major.

Majors may take *either* Spanish 208 or 223; Spanish 231 or 232. They may *not* take Spanish 241 and 251.

The department will accept up to 15 transfer credits. Spanish 221 and 222 are prerequisites for all advanced literature courses.

A minimum grade of B- in each college Spanish course is required both in courses taken before the declaration of the major and after.

Area of Concentration for the Child Study Major: There are no required courses. Spanish electives totaling 21 credits will be taken with the advice of the department representative. Concentrates may take *either* Spanish 208 or 223; Spanish 231 or 232. They may *not* take Spanish 241 and 251.

The department will accept up to 12 credits for the concentration. A minimum of B- is required in all college Spanish courses taken before the declaration of concentration and after.

Introductory

SPN 151 ELEMENTARY

Fundamentals in grammar; exercise in reading and speaking simple Spanish.

Open to beginners.

3 hours a week, 1 semester, 3 credits. Fall

SPN 152 ELEMENTARY

Complete essentials in Spanish grammar; vocabulary building; idioms; readings.

Open to students who have completed Spanish 151.

3 hours a week, 1 semester, 3 credits. Spring

SPN 201 INTERMEDIATE

Grammar review; vocabulary building; idioms. Composition exercises based on selected Spanish and Spanish American readings.

Open to students who have completed Spanish 151 and 152 and to those offering two years of high school Spanish.

3 hours a week, 1 semester, 3 credits. Fall

SPN 202 INTERMEDIATE

Continuation of Spanish 201. Special emphasis given to the integration of verb difficulties.

Open to students who have completed Spanish 201 or its equivalent.

3 hours a week, 1 semester, 3 credits. Spring

SPN 208 INTENSIVE CONVERSATION

Intended to increase verbal fluency and understanding of spoken Spanish, this course will serve primarily those students interested in careers in business, social work, law, education, and the health professions.

Open to students who have completed Spanish 152 or its equivalent.

3 hours a week, 1 semester, 3 credits. Not offered 1984-1985

SPN 210 FIELD EXPERIENCE IN THE SPANISH LANGUAGE

An opportunity for students to improve further their verbal fluency and understanding of spoken Spanish. This course includes two hours per week field experience at an approved location off campus and one hour per week in class.

Open to students who have completed Spanish 208 or 223.

3 hours a week, 1 semester, 3 credits. Not offered 1984-1985

SPN 211 SPANISH READINGS I

Readings and discussions based on literary texts of Spain. Review of advanced grammar constructions and conversation.

Open to students who have completed Spanish 201 and to those offering three or more years of high school Spanish.

3 hours a week, 1 semester, 3 credits. Fall 1984

SPN 212 SPANISH READINGS II

Readings and discussions based on Spanish-American literary texts. Review of advanced grammar constructions and conversation.

Open to students who have completed Spanish 201 and to those offering three or more years of high school Spanish.

3 hours a week, 1 semester, 3 credits. Spring 1985

SPN 221 ADVANCED GRAMMAR

Intensive study of Spanish grammar, geared to a better understanding and application of the language.

Basic course for prospective majors, minors and concentrates

3 hours a week, 1 semester, 3 credits. Fall

SPN 222 ADVANCED GRAMMAR AND STYLISTICS

Continuation of the intensive study of grammar. Introduction to the principles of stylistics through the analysis of literary texts; application through composition.

Open to students who have completed Spanish 221.

3 hours a week, 1 semester, 3 credits. Spring

SPN 223 CONVERSATION

A course intended to help the student acquire a greater degree of fluency in the spoken language.

Majors, minors and concentrates: course must be taken concurrently with Spanish 222. Open to students who have completed Spanish 152 and to those offering two years of high school Spanish or its equivalent who are seeking to increase their fluency.

3 hours a week, 1 semester, 3 credits. Spring

SPN 231 SPANISH CIVILIZATION

A study of the physical environment of Spain; the Spanish race; institutions of old and modern Spain; architecture, music and painting. Conducted in English.

3 hours a week, 1 semester, 3 credits. Spring 1986, 1988

SPN 232 LATIN AMERICA: CULTURE AND CIVILIZATION

A study of the evolution of the most significant cultural aspects of Latin America from its origin to present day. Special focus on its basic ethnic, cultural and socio-economic background to provide students with a better understanding of the principal Latin American groups in the United States. Conducted in English.

3 hours a week, 1 semester, 3 credits. Spring 1985, 1987

SPN 241 WORKSHOP IN CONTEMPORARY SPANISH TRAGEDY: FEDERICO GARCIA LORCA

See Drama Workshops in Translation.

SPN 251 MASTERPIECES OF SPANISH LITERATURE IN TRANSLATION

A study of Spanish literature from the Middle Ages to the 20th century through analysis of important works. Readings include *El Cid* and works by Cervantes, Lope de Vega, Lorca, etc.

3 hours a week, 1 semester, 3 credits. Fall 1985, 1987

Advanced

SPN 261 SURVEY OF SPANISH LITERATURE

A study of representative literature of Spain from its origins to the end of the Golden Age. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Fall

SPN 262 SURVEY OF SPANISH LITERATURE

A continuation of Spanish 261. The study of the literature of Spain from the eighteenth century to the twentieth. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Spring

SPN 301 DRAMA OF THE GOLDEN AGE

A study of the development and character of sixteenth and seventeenth century Spanish drama, with special emphasis on Lope de Vega, Tirso de Molina and Calderon de la Barca. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Fall 1985, 1987

SPN 302 CERVANTES: DON QUIJOTE

An analytical study of Cervantes' masterpiece from a structural and stylistic point of view, taking into consideration the evolution of its critical interpretations, its relation to the period, and its expression of universal values. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Fall 1985, 1987

SPN 303 19TH CENTURY SPANISH NOVEL

A study of the renaissance of the novel in the nineteenth century, with a critical consideration of its most important authors and works. Major literary movements such as "costumbrismo", Realism and Naturalism are analyzed and discussed. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Fall 1984, 1986

SPN 304 CONTEMPORARY DRAMA

Study of the development of the contemporary drama from the theater of transition in the 19th century to the present. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Spring 1985

SPN 320 SPANISH AMERICAN POETRY FROM "MODERNISMO" TO THE PRESENT

A study of the development of Spanish American poetry from the "Modernista" movement to the present. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Spring 1986, 1988

SPN 401-402 SEMINAR

In-depth study of a Spanish or Spanish-American literary figure or movement. Students will be expected to write an extended research paper.

A major course for seniors. Conducted in Spanish.

Juniors may register for this course with special permission from the Chairman of the department.

2 hours a week, 2 credits. Fall. Not offered in 1984-1985

1 hour a week, 1 credit. Spring. Not offered in 1984-1985

CLASSICS

The courses in classics aim to impart a knowledge and appreciation of the ancient Greek and Latin cultures that have contributed so largely to the foundations of western civilization and have influenced so many fields of thought even to the present day.

Core courses: GRK 131, 132; LAT 131, 132.

GRK 131 HISTORY OF GREEK CIVILIZATION

Origin and progress of western civilization in Greece.

3 hours a week, 1 semester, 3 credits. Fall

GRK 132 GREEK LITERATURE IN TRANSLATION

Reading of Greek literature with emphasis on the epic.

This course may be counted toward the English major.

3 hours a week, 1 semester, 3 credits. Fall

LAT 131 HISTORY OF ROMAN CIVILIZATION

Origin and progress of western civilization in Rome.

3 hours a week, 1 semester, 3 credits. Spring

LAT 132 LATIN LITERATURE IN TRANSLATION

Reading of Latin literature with emphasis on the epic.

This course may be counted toward the English major.

3 hours a week, 1 semester, 3 credits. Spring

DRAMA WORKSHOPS IN TRANSLATION

FRE 241 WORKSHOP IN CLASSICAL FRENCH COMEDY: MOLIERE

Conducted in English; plays of Moliere (in translation) studied and analyzed; specific scenes rehearsed and performed.

3 hours a week, 1 semester, 3 credits. Fall 1985

ITL 241 WORKSHOP IN THE THEATRE OF THE MIND: PIRANDELLO

Conducted in English; plays of Pirandello (in translation) studied and analyzed; specific scenes rehearsed and performed.

3 hours a week, 1 semester, 3 credits. Spring 1985

SPN 241 WORKSHOP IN CONTEMPORARY SPANISH TRAGEDY: FEDERICO GARCIA LORCA

Conducted in English; plays of Garcia Lorca (in translation) studied and analyzed; specific scenes rehearsed and performed.

3 hours a week, 1 semester, 3 credits. Not offered 1984-1985

FRE 253 WORKSHOP IN THE THEATRE OF THE ABSURD

Conducted in English; plays of Beckett and Ionesco (in translation) studied and analyzed; specific scenes rehearsed and performed.

3 hours a week, 1 semester, 3 credits. Spring 1986

FRE 254 WORKSHOP IN TWENTIETH CENTURY FRENCH DRAMA

Conducted in English; plays of the modern French theatre from Claudel to Sartre (in translation) studied and analyzed; specific scenes rehearsed and performed.

3 hours a week, 1 semester, 3 credits. Not offered 1984-1985

MATHEMATICS

David N. Holtzman, D. Phil., *Chairman*

To develop a more mature appreciation of the significance of mathematics and its impact on today's world, each student is required to take one semester of mathematics chosen from a set of courses designed to appeal to a variety of interests. For mathematics and science majors, advanced courses provide professional training and preparation for graduate study.

Core Courses: Mathematics 105, 108, any computer course; and, if the prerequisites are fulfilled, 113, 205, 206, 241.

If only one course in mathematics is being taken to serve as the fulfillment of the core requirement, that course may *not* be a computer course.

Major

A major in mathematics may earn either the B.A. or the B.S. degree. Candidates for either degree must complete 30 credits of mathematics in which a minimum grade of C must be attained.

The following courses are not credited toward the major: Mathematics 105, 108, 113, 150, 154, 200, 201.

B.A. degree in Mathematics: (30 credits)

MAT 152	3
MAT 205	4
MAT 206	4
MAT 207	4
MAT 208	4
MAT 354 or 356	3
MAT 362 or 364	3
MAT 471	1

Elective(s) with the advice of chairman to complete 30 credits.

B.S. degree in Mathematics

In addition to courses required for the B.A. degree:

PHY 150	4
PHY 151	4
Science Elective	3

Plan B: In addition to the requirements for the major, students on the B Plan (Secondary Education) are required to take MAT 246 and encouraged to take: MAT 350, 352, 358, 368.
The required Education courses will be found under the Education Department.

It is strongly recommended that all students wishing to major in mathematics take ENG 103 and PHI 123 during their first year at St. Joseph's.

Area of Concentration for Child Study Majors: 21 credits in mathematics in which a minimum grade of C must be attained.

Required Courses:	MAT 205	4
	MAT 206	4
	MAT 354 or MAT 356	3
	MAT 362 or MAT 364	3

Recommended for those who intend to continue Mathematics on the graduate level: MAT 207, 208.
MAT 105, 108, 200 and 201 may not be offered towards the 21 required credits. Furthermore, no more than one computer course may be offered.

MAT 105 FUNDAMENTALS OF MATHEMATICS IN TODAY'S WORLD

Mathematical reasoning, patterns in numbers and their graphical representation, methods of handling large numbers, and the mathematics of chance. Consideration of mathematics in the world about us, as in mosaics, the national budget, forecasts, games, and business.

Designed for Liberal Arts students of varying mathematical background.

3 hours a week, 1 semester, 3 credits. Spring

MAT 108 FINITE (DISCRETE) MATHEMATICS

Compound statements; counting and probability; algebra of vectors and matrices; systems of equations and inequalities; linear programming problems; Markov chains; theory of games.

3 hours a week, 1 semester, 3 credits. Fall

MAT 113 ELEMENTARY FUNCTIONS: PRECALCULUS

Sets and relations; algebra of functions; polynomial, rational, exponential, circular functions and their graphs; roots and graphs of equations; asymptotes and limits; area functions. Designed for those who intend to go on to a calculus course.

Prerequisite: 11th year mathematics or equivalent.

3 hours a week, 1 semester, 3 credits. Spring

MAT 200 MATHEMATICS FOR BUSINESS AND ECONOMICS

This course includes the study of vectors and matrices, linear programming and Markov processes. Basic business applications of precalculus mathematics will be considered.

Prerequisite: MAT 113 or equivalent. Not open to students who have completed MAT 205.

3 hours a week, 1 semester, 3 credits. Fall

MAT 201 APPLIED CALCULUS FOR BUSINESS AND ECONOMICS

This course will include differentiation through the second derivative with applications, definite and indefinite integrals with business applications.

Prerequisite MAT 200. Not open to students who have completed MAT 205.

3 hours a week, 1 semester, 3 credits. Spring

MAT 205 CALCULUS AND ANALYTIC GEOMETRY I

Limits, continuity, differentiation and elementary integration, and other topics.

Prerequisite: MAT 113 or equivalent.

4 hours a week, 1 semester, 4 credits. Fall

MAT 206 CALCULUS AND ANALYTIC GEOMETRY II

Techniques and applications of integration as well as the transcendental functions: the logarithmic, the exponential and the trigonometric functions, and other topics.

Prerequisite: MAT 205

4 hours a week, 1 semester, 4 credits. Spring

MAT 207 CALCULUS AND ANALYTIC GEOMETRY III

Conic sections, polar coordinates, vectors and solid analytic geometry, and other topics.

Prerequisite: MAT 206

4 hours a week, 1 semester, 4 credits. Fall

MAT 208 ADVANCED CALCULUS

Functions of several variables, multiple and line integrals and infinite series, and other topics.

Prerequisite: MAT 206

4 hours a week, 1 semester, 4 credits. Spring

MAT 241 HISTORY OF MATHEMATICS

Development of mathematics from ancient days to recent times. Lectures, reading and discussions.

Recommended for prospective teachers; prerequisite: Mathematics 205.

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

MAT 246 PROBABILITY AND STATISTICS

Sample spaces, permutations, combinations, probability, random variables, expected value, limits, introductory calculus with applications to continuous random variables, mathematical models and estimation.

Prerequisite: Mathematics 206

3 hours a week, 1 semester, 3 credits. Spring 1986, 1988

MAT 350 DIFFERENTIAL EQUATIONS

Equations of order one and degree one, differential operators, ordinary linear differential equations, Laplace transforms, selected higher order equations.

Prerequisite: Mathematics 206

3 hours a week, 1 semester, 3 credits. Fall 1985, 1987

MAT 352 ELEMENTARY NUMBER THEORY

Prime and composite integers, algorithms, number-theoretic functions, Diophantine Equations, congruences-linear and higher degree. Euler-Fermat Theorem, quadratic residues, continued fractions, Gaussian integers, and algebraic number theory.

Prerequisite: Mathematics 206 or equivalent

3 hours a week, 1 semester, 3 credits. Fall 1984, 1986

MAT 354 MODERN ALGEBRA

Groups, rings, fields, and other algebraic structures.

Prerequisite: Mathematics 206

3 hours a week, 1 semester, 3 credits. Fall 1984, 1986

MAT 356 LINEAR ALGEBRA

Vectors and vector spaces, matrices and their algebra, systems of linear equations, linear transformations in a vector space.

Prerequisite: Mathematics 206

3 hours a week, 1 semester, 3 credits. Fall 1985, 1987

MAT 358 THEORY OF EQUATIONS

Complex numbers and the roots of unity; methods of solution and approximation of roots and polynomial equations of degrees $>$ two; relations between roots and coefficients.

Prerequisite: MAT 206 or equivalent and MAT 354.

3 hours a week, 1 semester, 3 credits. Spring 1985, 1987

MAT 362 MODERN GEOMETRY

Axiomatic systems, Euclidean and non-Euclidean geometries: elliptic, hyperbolic and projective.

Prerequisite: Mathematics 206 or equivalent

3 hours a week, 1 semester, 3 credits. Spring 1985, 1987

MAT 364 TOPOLOGY

Sets and functions, metric spaces, topological spaces, compactness, separation, connectedness, and other topics.

Prerequisite: Mathematics 206

3 hours a week, 1 semester, 3 credits. Spring 1986, 1988

MAT 368 FUNCTIONS OF A COMPLEX VARIABLE
(472)

Analytic functions, differentiation and integration theorems, elementary functions, conformal mapping, Riemann surfaces, infinite series.

Prerequisite: Mathematics 208

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

MAT 470 DIRECTED READING

Assigned reading in mathematical literature. Approval of chairman necessary.

1 semester, 2 or 3 credits. As needed.

MAT 471 SEMINAR

Special topics in the field of modern mathematics; preparation of written reports.

Required of mathematics majors in senior year.

1 hour a week, 1 semester, 1 credit. Fall

For optional additional credits, consult the chairman.

Computer-Related Courses

Certificate in Data and Information Processing

For a description of the program leading to this certificate, see page 152.

A $20 laboratory fee will be charged in all computer-related courses.

MAT 150 INTRODUCTION TO COMPUTERS

This course offers a basic introduction to computer hardware and software. Elementary programming techniques wil be taught using BASIC. There are no prerequisites.

3 hours a week, 1 semester, 3 credits. Fall, Spring

MAT 152 COMPUTER PROGRAMMING

Primarily for students in the natural and social sciences who need a working knowledge of computer methods and programming. Included are fundamental programming concepts such as decisions, loops, subscripted variables and subroutines; general data processing methods such as searching, updating and sorting; computer organization and concepts; introduction to program languages such as FORTRAN and BASIC; numerical methods; problems for solution on a computer system.

Prerequisite: MAT 150 or permission of the chairman.

3 hours a week, 1 semester, 3 credits. Spring

MAT 154 APPLICATIONS OF THE COMPUTER

This course is intended for natural and social science majors. The course will cover applications of the computer such as analysis of statistical data, forecasting, modeling and simulations. The use of software packages such as SPSS and the like will be taught.

Prerequisite: MAT 150 or permission of the chairman.

3 hours a week, 1 semester, 3 credits. Fall

MAT 247 COMPUTER SCIENCE

For students from all disciplines. Topics include computer organization, information representation in digital computers, data structure such as tree, list and stack, algorithm analysis, programming language and software systems, basic knowledge of computer hardware, management information processing, data base concepts, computer technology and society.

Prerequisite: Mathematics 152

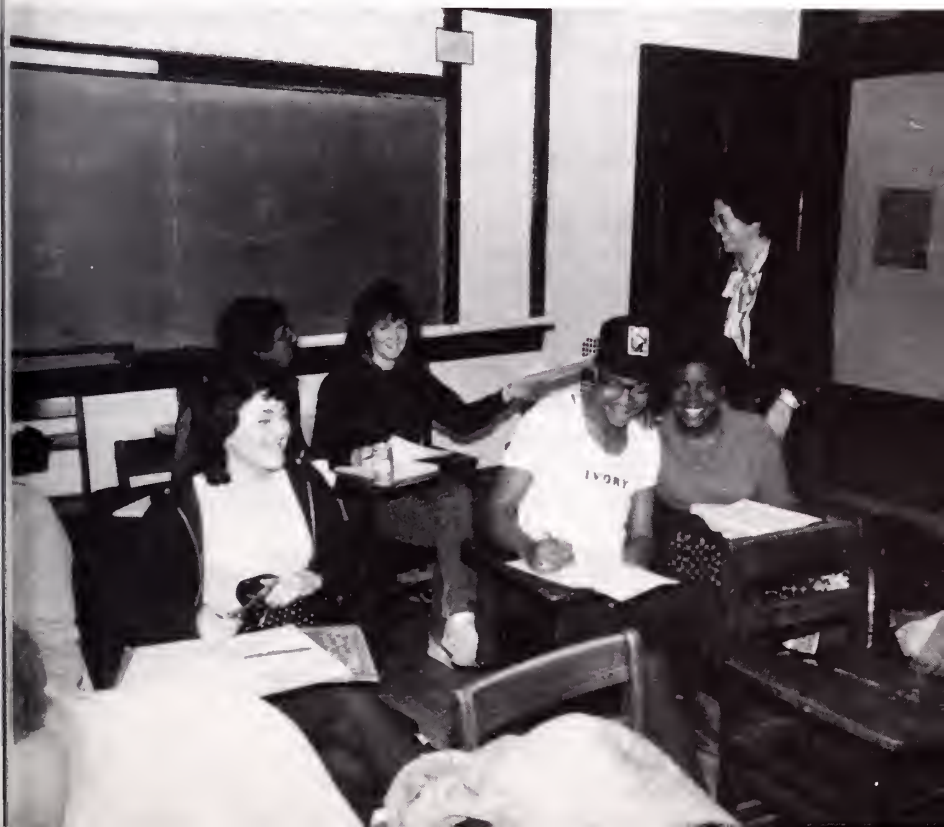
3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

MAT 248 NUMERICAL ANALYSIS AND DIGITAL COMPUTERS

Primarily for students in mathematics, physical and social sciences. Included topics are basic concepts of numerical analysis, finite differences, numerical solution of system of linear equations, approximation and interpolation of functions, statistical methods, quick review of FORTRAN and problems assigned for computer solution.

Prerequisite: Mathematics 152

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis



PHILOSOPHY

Stanley A. Nevins, Ph.D., *Chairman*

The courses in philosophy present philosophy to the student as a personal activity of free inquiry, critical thinking, and value judgment concerning major areas of human interests. They also serve to advance an appreciation of philosophy as a key discipline which relates with and integrates other disciplines of the core curriculum.

We shall not cease from exploration
T. S. Eliot

Core Courses: Philosophy 123, 124, 125, 150, 154, 167.

PHI 123 THE ART OF THINKING

This course offers an understanding of the intellectual context in which critical thinking takes place, an awareness of the problems that impede sound thinking, and a strategy for dealing with issues.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PHI 124 INVITATION TO PHILOSOPHY

An introduction to the nature of philosophy, its terminology and its problems.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PHI 125 PHILOSOPHY OF THE PERSON

A study of human nature. A consideration of person as a being in the world manifesting this nature through knowledge and choice.

3 hours a week, 1 semester, 3 credits. Not offered 1984-1985

PHI 127 EXISTENTIALISM

An introduction to the philosophy of existentialism through the study of Kierkergaard, Nietzsche, Heidegger, Sartre and Marcel.

3 hours a week, 1 semester, 3 credits. Not offered 1984-1985

PHI 150 GREAT PHILOSOPHERS I

A study of the fundamental ideas of central figures in philosophy from Plato to Kant. Directed readings and discussions on Plato, Aristotle, Aquinas, Descartes, Hume and Kant.

3 hours a week, 1 semester, 3 credits. Not offered 1984-1985

PHI 154 SOURCES OF GREAT WESTERN IDEAS

A study of the classical origins of Western philosophy in Greece and Rome with special emphasis on its relevance for modern times.

Course may be credited to Philosophy or to the Classics.

3 hours a week, 1 semester, 3 credits. Spring 1985

PHI 167 PROFESSIONAL ETHICS

An analysis of ethical decisions followed by applications to the medical, legal, business, and teaching professions using the case study method. Students may confine their research to the particular profession for which they are preparing.

3 hours a week, 1 semester, 3 credits. Not offered 1984-1985

PHI 268 ETHICS AND BUSINESS

This course will examine the relation between ethical theory and business decisions, practices, and policies. The meaning of ethics will be discussed, and differences between morally right and other criteria of right action will be explored. Theory analysis and case studies will enable the student to make informed and intelligent value judgments concerning such issues as truth in advertising, affirmative action, profit motive, pollution, rights and responsibilities of workers.

Prerequisite: any one of the following: PHI 123, 124, 125, 150, 154.

3 hours a week, 1 semester, 3 credits. Spring

The J. Gardner Conroy Award

Each year the J. Gardner Conroy award is presented to a member of the graduating class on the Brooklyn campus who has demonstrated excellence in philosophy by maintaining a B+ average in at least three philosophy courses. The final evaluation is based upon the preparation of an original essay in the field, which is then discussed with the faculty members of the philosophy department.

This award is presented by the Catholic Lawyers Guild of the Diocese of Brooklyn, in memory of Colonel J. Gardner Conroy, who was killed in action in World War II.

Note: Since the Philosophy Department is a non-major department, course offerings for each year may vary slightly from the dates printed here in order to accommodate the schedules of major departments. Students are advised to check the day and hour schedules for each term in which they are planning to take a philosophy course.

PHYSICAL EDUCATION

The courses in physical education are designed to effect the student's development in skills including coordination, accuracy, alertness, strength and endurance; beneficial use of leisure time through sportsmanship, cooperation, courtesy, leadership and fellowship.

Requirements: Two semesters of activity. One semester of Modern Dance may be used as part of Physical Education Requirement.

PE 100 APPRECIATION OF PHYSICAL EDUCATION

A course designed to give the student thorough observation and participation, when possible, a better understanding and appreciation of physical education. It includes attending classes in team sports, individual and dual sports and modern dance.

For students unable to participate fully in physical activities.

Hours to be arranged, 1 credit

PE 101 SELF-DEFENSE AND PHYSICAL FITNESS

Fundamental skills and their use in the art of self-defense and in the promotion of physical fitness.

2 hours a week, 1 semester, ½ credit. Spring

PE 102 BEGINNING BASKETBALL (M)

Skills and their use in basketball.

2 hours a week, 1 semester, ½ credit. Fall

PE 103 BEGINNING BASKETBALL-VOLLEYBALL (W)

Fundamental skills and their use in basketball and volleyball.

2 hours a week, 1 semester, ½ credit. Fall

PE 106 BEGINNING BADMINTON-PADDLETENNIS

Fundamental skills and their use in badminton and paddletennis.

2 hours a week, 1 semester, ½ credit. Fall and Spring

PE 107 BEGINNING ARCHERY-GOLF

Fundamental skills and their use in archery and golf.

2 hours a week, 1 semester, ½ credit. Fall and Spring

PE 111 MODERN DANCE

Fundamental techniques of movement, stressing simplicity, directness, and freedom; exploration of movement in space; study of the elements of rhythm and form.

2 hours a week, 1 semester, ½ credit. Fall

PE 206 ADVANCED BADMINTON-PADDLETENNIS
Advanced skills and team play in badminton and paddletennis.
Prerequisite: Physical Education 106
2 hours a week, 1 semester, ½ credit. Upon request

PE 207 ADVANCED ARCHERY-GOLF
Advanced skills and team play in archery and golf
Prerequisite: Physical Education 107
2 hours a week, 1 semester, ½ credit. Upon request

Members of the Women's or Men's Varsity may earn one credit for one season, in accordance with the policy that "students may earn 1/2 academic credit per semester for a total of two credits toward the degree for participation in Art Club, Modern Dance Club, Chapel Players (Dramatics), and Men's/Women's Varsity Basketball." Consult Moderator and Director of Athletics.

PHYSICAL SCIENCES

S. St. Francis Dilgen, Ph.D., *Chairman*

The introductory courses in the physical sciences are designed to give the student a basic understanding of the nature of matter and the physical universe and of the impact of the physical sciences on society. The advanced courses offer the training needed by those who will be professionally concerned with scientific matters in the future in industry, research, medicine, or teaching.

CHEMISTRY

Core Courses: Laboratory science requirement: Chemistry 120, 130, 131, 150. Non-laboratory requirement: Science 101, 130.

Major:

Plan A

CHE 150	5
CHE 151	5
CHE 250	5
CHE 251	5
CHE 260	4
CHE 350	3
CHE 351	4
CHE 450	1
CHE 330 or CHE 430 or CHE 440	3
CHE 460	3/yr

Additional Requirements

MAT 152 or 154	3
MAT 205	4
MAT 206	4
PHY 150	4
PHY 151	4

Plan A, Business Sequence

CHE 150	5
CHE 151	5
CHE 250	5
CHE 251	5
CHE 260	4
CHE 350	3
CHE 351	4
CHE 360	3
CHE 450	1

Additional Requirements

MAT 152 or 154	3
MAT 205	4
MAT 206	4
PHY 150	4
PHY 151	4
BUS 100	3
BUS 110	3
ECO 120	3

Plan B

CHE 150	5
CHE 151	5
CHE 250	5
CHE 251	5
CHE 260	4
CHE 350	3
CHE 351	4
CHE 450	1

Additional Requirements

BIO 150	4
BIO 151	4
MAT 152 or 154	3
MAT 205	4
MAT 206	4
PHY 150	4
PHY 151	4

See Education courses on page 76.

Additional courses in mathematics are strongly recommended for those who intend to do graduate work in chemistry.

A minimum grade of C+ is required in each freshman chemistry course before the declaration of a major. A minimum average of C is necessary in the required chemistry courses in order to continue as a major.

CHE 120 CHEMISTRY AND SOCIETY

This survey of the chemical aspects of contemporary life for the non-science major covers the basic principles of chemistry. The relevance of chemistry to the modern world in the areas of body chemistry, food, drugs, agriculture, and pollution of air and water are considered.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.
Spring 1985 Lab fee—$20

CHE 130 INTRODUCTION TO CHEMICAL SCIENCE

A basic chemistry course for the non-science and health-science major, directed to an understanding of the principles of chemical theory. The investigation of matter as it is measured, taken apart, and put back together by chemists.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits. Fall
Lab fee—$20

CHE 131 INTRODUCTION TO THE CHEMISTRY OF LIFE

An introduction to organic and biological chemistry for the non-science and health science major. The structure and metabolism of carbohydrates, proteins, fats, and other biologically important chemicals are related to health and medicine.

Prerequisite: Chemistry 130 or high school chemistry

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.
Spring Lab fee—$20

CHE 150 GENERAL CHEMISTRY

An intensive study of the laws and concepts of chemistry; atomic and molecular structure and properties, stoichiometry, thermochemistry, properties of gases, liquids, solids and solutions. Emphasis on quantitative measurements in the laboratory.

Prerequisite: Departmental approval.

4 hours lecture, 3 hours laboratory a week, 1 semester, 5 credits. Fall
Lab fee—$30

CHE 151 GENERAL CHEMISTRY

A continuation of Chemistry 150. Topics include thermodynamics, rates of reaction, acid-base chemistry, oxidation and reduction, electrochemistry, and nuclear chemistry.

Prerequisite: Chemistry 150 or Departmental approval

4 hours lecture, 3 hours laboratory a week, 1 semester, 5 credits.
Spring Lab fee—$30

CHE 250 ORGANIC CHEMISTRY I

Study of the structural theory of organic chemistry relating the physical and chemical properties of representative aliphatic and aromatic compounds to their electronic structures. The laboratory will emphasize preparation, purification, and identification of organic compounds.

Prerequisite: Minimum grade of C in Chemistry 150, 151

4 hours lecture, 4 hours laboratory a week, 1 semester, 5 credits. Fall

Lab fee—$40

CHE 251 ORGANIC CHEMISTRY II

A continuation of the integrated study of aliphatic and aromatic compounds and an introduction to the chemistry of natural products.

Prerequisite: Chemistry 250

4 hours lecture, 4 hours laboratory a week, 1 semester, 5 credits. Spring

Lab fee—$40

CHE 260 ANALYTICAL CHEMISTRY

A study of the fundamental quantitative aspects of chemistry with laboratory procedures employing volumetric, gravimetric, and instrumental methods.

Prerequisite: Chemistry 151

2 hours lecture, 6 hours laboratory a week, 1 semester, 4 credits. Fall

Lab fee—$40

CHE 330 BIOCHEMISTRY

Study of animal biochemistry with reference to structure and functions of carbohydrates, lipids, proteins, enzymes, nucleic acids, vitamins, hormones, minerals.

Prerequisite: Chemistry 251

3 hours lecture, 1 semester, 3 credits. Fall

CHE 350 PHYSICAL CHEMISTRY I

Physical explanation of matter as it is related to energy on the molecular and bulk matter levels. The laws of chemical thermodynamics and statistical thermodynamics lead to the study of quantum mechanics, bonding theory, energy level transitions, and spectroscopic analysis of matter.

Prerequisites: College Physics, Calculus, Chemistry 151

3 hours lecture, 1 semester, 3 credits. Fall

CHE 351 PHYSICAL CHEMISTRY II

A consideration of chemical reactions involving three states of matter. A study of kinetics and equilibrium in gaseous, liquid, and solid systems, including transitions between system phases. A brief examina-

tion of electrochemical, colloidal, and high energy processes.

Prerequisite: Chemistry 350

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.
Spring Lab fee—$30

CHE 360 INTRODUCTION TO INDUSTRIAL CHEMISTRY

A study of the chemical substances used to supply the needs and wants of modern society, the processes by which these substances are produced, and the impact of these practices on society.

Prerequisite: Chemistry 251

3 hours lecture, 1 semester, 3 credits. Spring 1986

CHE 430 ORGANIC CHEMISTRY III

A consideration of selected topics in organic chemistry; molecular orbitals and orbital symmetry; polynuclear aromatics, heterocyclic compounds, polymer chemistry, rearrangements, stereospecific syntheses, photochemistry, pericyclic reactions.

Prerequisite: Chemistry 251

3 hours a week, 1 semester, 3 credits. Spring 1985

CHE 440 ADVANCED INORGANIC CHEMISTRY

This study of the groups of elements that are found in inorganic and organometallic compounds focuses upon bonding theories that explain the structures of these compounds. Elements are also examined for acid-base behavior as related to electron affinity. Advanced spectroscopic and resonance methods for deducing molecular structures are investigated. Special topics include boron chemistry, noble gas chemistry, the lanthanides and actinides.

Prerequisite: Chemistry 350

3 hours a week, 1 semester, 3 credits. Spring 1986

CHE 450 SEMINAR IN CHEMISTRY

A consideration of the use of the chemical literature and the methods of scientific research; presentation of a seminar paper, and attendance at seminars given in universities in the metropolitan area.

Required of majors in the senior year.

1 semester, 1 credit. Fall

CHE 460 SENIOR PROJECT

A course allowing individual investigation in some special field of chemistry, may involve literature or laboratory research.

Required of majors on the A Plan in the senior year.

2 semesters, 3 credits for the year.

SCI 101 THE ASCENT OF MAN
See Interdisciplinary Courses

SCI 130 CHEMISTRY AND NUTRITION
See Interdisciplinary Courses.

PHYSICS

A minimum grade of C is required in both Physics 150 and 151 for admission to an advanced course.

Core Courses: Laboratory science requirement: Physics 150.
Non-laboratory requirement: Physics 112

PHY 112 ENERGY
A consideration of the basic concept of energy, its transformation and conservation.
This course is for non-science majors (core course).
3 hours lecture a week, 1 semester, 3 credits. Spring 1985

PHY 150 GENERAL PHYSICS—MECHANICS, MOLECULAR PHYSICS, HEAT, SOUND
Newton's laws of motion, mechanics and properties of matter, mechanics of rigid bodies, work and energy, fluids in motion, molecular and atomic theory, special properties of matter due to molecular forms, elasticity, temperature, quantity of heat, work and heat, transfer of heat, wave motion and sound.
3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits. Fall
Lab fee—$30

PHY 151 GENERAL PHYSICS—MAGNETISM, ELECTRICITY, OPTICS, ATOMIC PHYSICS
Magnetism, electrostatics, electric circuits, electromagnetism; conduction through gases, radioactivity; nature of light, propagation, photometry, reflection, refraction, lenses, optical instruments, interference, diffraction, polarization.
Prerequisite: Physics 150
3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits. Spring
Lab fee—$30

PHY 232 HEAT

Temperature and its measurement, calorimetry, specific heats, thermal expansion, transfer of heat, ideal gases, change of state, continuity of state, first and second laws of thermodynamics, reversibility, the Carnot cycle, the Kelvin temperature, entropy, the steam engine, refrigeration.

Prerequisite: Physics 150, 151, Calculus.

3 hours lecture, 1 semester, 3 credits. Fall 1984

PHY 241 MECHANICS

Further study of statics and dynamics of particles and rigid bodies, kinematics, special rigid body motions; consideration of vectors, potential, and central forces.

Prerequisites: Physics 150, 151, Calculus.

3 hours lecture, 1 semester, 3 credits. Not offered 1984-85

PHY 252 MODERN PHYSICS I

Specific heats of gases, determination of electronic charge, positive rays, mass spectrograph, development of periodic table, radiant energy, atomic theory, hydrogen spectrum, x-rays, Compton effect, photoelectric effect.

Prerequisites: Physics 150, 151, Calculus.

2 hours lecture a week, 2 hours laboratory a week, 1 semester, 3 credits. Not offered 1984-85 Lab fee—$40

PHY 253 MODERN PHYSICS II

Radioactivity, radioisotopes, accelerators, nuclear reactions, fission, fusion, cosmic rays, elementary particles.

Prerequisite: Physics 252

2 hours lecture a week, 2 hours laboratory a week, 1 semester, 3 credits. Not offered 1984-85 Lab fee—$40

PHY 254 MODERN PHYSICS III

Same as Physics 252 but without lab.

2 hours lecture a week, 1 semester, 2 credits. Fall 1985

PHY 255 MODERN PHYSICS IV

Same as Physics 253 but without lab.

2 hours lecture a week, 1 semester, 2 credits. Spring 1986

PSYCHOLOGY

S. Rosamond O'Keefe, M.S., *Chairman*

The psychology major is designed for those students who need a solid preparation for graduate study in psychology. The departmental offerings are also suitable for those students who intend to engage in any of the professions in which knowledge of psychological principles is fundamental. Many courses are relevant for those students who are interested in enriching their understanding of human behavior.

Core Courses: Psychology 100. Other core courses may be selected with departmental guidance.

Major: (33 credits) The following courses are required to complete the major: Psychology 100, 290, 380, 391, 451-452. Elective courses in Psychology should be selected from a variety of areas with departmental advisement.

Biology is the preferred science for Psychology majors. Students who are preparing for graduate study in psychology are advised to choose additional courses in a foreign language and in computer programming.

Area of Concentration for Child Study Majors: (21 credits) It is recommended that Psychology 100 be completed during the freshman year. Concentrates who plan to go to graduate school for psychology are advised to take all required courses listed above with the exception of Psychology 451-452.

Certificate in Gerontology

For a description of the program leading to this certificate, see page 153.

PSY 100 INTRODUCTION TO PSYCHOLOGY

A broad introduction to the methodology, concepts, and major content areas of psychology in order to provide the student with a scientific basis for understanding human behavior

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 120 CHILD PSYCHOLOGY

See Child Study 101.

PSY 125 ADOLESCENT PSYCHOLOGY

A comprehensive survey of adolescent behavior in its intellectual, emotional, and social aspects. Techniques for enhancing the adolescent's potential for growth and productivity are given special consideration.

3 hours a week, 1 semester, 3 credits. Spring

PSY 140 PSYCHOLOGY OF MUSIC AND ART

An examination of the relationship between personality and the appreciation of art forms. Personality, physiological and perceptual contributions to aesthetic appreciation are analyzed. Applications in therapy, advertising and personality diagnosis are discussed. No specific art or musical background is required.

3 hours a week, 1 semester, 3 credits. Fall

PSY 150 GROUP DYNAMICS AND COMMUNICATION

A theoretical introduction to small group processes, with an emphasis on the relationship between groups and the individual, and the communication process. Students participate in small group exercises as part of the course requirements.

3 hours a week, 1 semester, 3 credits. Spring 1986

PSY 169 DECISIONS AND OUTCOMES

Based on a course developed by the CEEB, with the advice of nationally known curriculum and guidance specialists, this course is intended to help students to clarify and explore their values, set short and long-range goals, gather and evaluate information, examine risk-taking tendencies, and arrive at strategies for making decisions.

This course may not be offered for the Psychology major or concentration or toward the core curriculum.

3 credits. Mini-semester. Offered on an irregular basis

PSY 170 EDUCATIONAL PSYCHOLOGY

See Education 115.

PSY 180 PSYCHOLOGY OF WOMEN

Examination of the biological, social and cultural influences on the psychological development of women. Focus on the vital issues which modern women face daily in a rapidly changing world.

3 hours a week, 1 semester, 3 credits. Spring 1985

PSY 185 INDUSTRIAL PSYCHOLOGY

Application of psychology to business and industry in the area of personnel selection, training and evaluation, job satisfaction, motivation, communication, and man-machine interface.

3 hours a week, 1 semester, 3 credits. Fall 1985

PSY 230 ADULT DEVELOPMENT AND AGING

Focus on human development from early adulthood through middle age, aging, and death. Emphasis is on the growth of the individual in relation to contemporary society, with theoretical viewpoints and empirical results from individual, social, and developmental psychology.

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Spring 1986

PSY 251 SOCIAL PSYCHOLOGY

An analysis of the processes of social interaction and their effects upon the behavior and attitudes of individuals and groups.

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 261 PSYCHOLOGY OF PERSONALITY

A survey of the major contemporary theories of personality and the important applications associated with each theoretical approach.

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 271 ABNORMAL PSYCHOLOGY

An examination of the diagnostic classifications of abnormalcy with an emphasis on causation and treatment.

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 290 INTRODUCTION TO STATISTICS

The basics of statistical analysis needed for conducting research and for understanding experimental literature in the behavioral sciences.

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 300 PSYCHOLOGICAL TESTING

An introduction to psychological measurement including the history of mental testing; the statistical concepts of test construction; and a

survey of tests of intelligence, aptitude, achievement, personality, and tests for special populations. Students will administer practice tests and participate in demonstrations of the major types of assessment techniques.

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 321 PSYCHOLOGY OF LEARNING AND MEMORY

The scientific study of learning and memory including classical and instrumental conditioning, cognitive processes, short and long-term memory, and disorders of learning and memory.

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Fall 1986

PSY 325 INTRODUCTION TO BEHAVIOR MODIFICATION

Introduction to the methods and theory of behavior modification and its application to specific behavior problems.

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Spring 1985

PSY 340 HISTORY AND SYSTEMS OF PSYCHOLOGY

Traces the development of psychology from its roots in philosophy to the evolution of psychology as a science over the last one hundred years

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 360 COUNSELING PSYCHOLOGY

An examination of the origins and characteristics of the counseling relationship, including an analysis of the major contemporary theories and techniques of counseling.

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 370 INTRODUCTION TO CLINICAL PSYCHOLOGY

An introduction to the principles and techniques of clinical interviewing, evaluation, referral, and the planning of treatment. Field placements will provide students with an opportunity to observe the various institutional settings in which clinical psychologists work and the variety of psychological services offered there.

Prerequisite: Psychology 271 and permission of the instructor.

2 hours lecture, 3 hours placement a week, 3 credits. Additional conferences will be scheduled on a regular basis for supervision of the placement experience. Spring

PSY 380 PHYSIOLOGICAL PSYCHOLOGY

Survey of the physiological bases of behavior including sensation, movement, motivation, emotion, sleep, attention and learning.

Prerequisite: Psychology 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 391 INTRODUCTION TO EXPERIMENTAL METHODOLOGY

Theory and technique in the experimental study of behavior, including laboratory experiments and formal written reports.

Prerequisite: Psychology 100 and Psychology 290.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits. Fall

Lab fee—$20

PSY 451-52 THESIS SEMINAR

The senior psychology major will select a specific topic of interest in the field of psychology for critical and intensive investigation.

Prerequisite: A substantial background in psychology, including Psychology 100, Psychology 290 and Psychology 391.

Psychology 451—2 hours a week, Fall semester, 2 credits.

Psychology 452—1 hour a week, Spring semester, 1 credit.

RELIGIOUS STUDIES

S. Josephine Marie Cavanaugh, S.T.D., *Chairman*

Courses in Religious Studies offer to students the opportunity to deepen their knowledge of the various religious traditions of peoples. The courses are given to enable the student to appreciate the religious beliefs of all people within the context of their cultural and historical development. Courses have also been designed to provide the opportunity for students to study the currrent complex issues of society from both a theological and moral viewpoint.

Core Courses: Any course may be offered for the core.

RS 122 BIBLICAL THEMES I

A consideration of the Old Testament teaching on God, creation, man, salvation, Messiah, Kingdom of God, and the desert theme. The prominent personalities of the Old Testament will be studied also.

3 hours a week, 1 semester, 3 credits. Fall 1984, Spring 1986

RS 123 BIBLICAL THEMES II

A critical study of the origin, literary form, content and historical value of the books of the New Testament. The themes studied in *Religious Studies 122* are traced throughout the New Testament.

3 hours a week, 1 semester, 3 credits. Spring 1985, Fall 1986

RS 134 CHRISTIAN WORSHIP AND SACRAMENTS

An historical and theological study of worship and sacraments within Christianity. The ongoing dialogue within the Christian churches in the area of sacramental theology is examined in depth.

3 hours a week, 1 semester, 3 credits. Fall

RS 135 THE CHARISMATIC MOVEMENT

This course will examine the contemporary Charismatic Movement in the light of three factors: the preaching of Jesus and the early Church's experience of itself, historical factors that contributed to the emergence of charismatic movements, the contributions of the Charismatic Movement to current church life. Phenomena such as "speaking in tongues," "prophecy" and "healing" will be explored and evaluated.

3 hours a week, 1 semester, 3 credits. Fall 1984, Spring 1987

RS 144 WOMEN IN THE JUDEO-CHRISTIAN TRADITION

This course seeks to examine the contributions as well as the contemporary understandings of women in life, theology and ministry. The course will also endeavor to present the contributions of women in the search for God in theology and spirituality.

3 hours a week, 1 semester, 3 credits. Fall

RS 145 THEOLOGY OF DEATH AND DYING

A study of the principal religious considerations related to the subject of death and dying. Psychological and pastoral approaches to this subject are also explored.

3 hours a week, 1 semester, 3 credits. Spring

RS 147 CHRISTIAN MARRIAGE

This course will attempt to establish the scriptural and traditional roots of the Christian understanding of marriage. Topics of contemporary interest are studied.

3 hours a week, 1 semester, 3 credits. Spring 1986

RS 151 CONTEMPORARY APPROACHES TO MORALITY

A survey of the principal trends in moral theology, tracing these trends from their biblical roots to the new insights of modern scholars.

3 hours a week, 1 semester, 3 credits. Spring 1985, Fall 1986

RS 154 ISSUES OF WAR AND PEACE

This course will attempt to examine issues of peace and war from a theological viewpoint. It will endeavor to help students to become more involved with these very complex issues as members of religious communities and citizens of this country.

3 hours a week, 1 semester, 3 credits. Spring

RS 164 AMERICAN PROTESTANTISM

A consideration of the history of the many epochs in American Protestantism; a study of the religious beliefs of the different groups which constitute American Protestantism; a survey of Revival, Evangelism, and Reform Movements which occurred at different points in their history; the social significance of the Protestant Churches in America from their beginnings until today.

3 hours a week, 1 semester, 3 credits. Spring 1987

RS 165 JUDAISM

A study of religion, philosophy, history and way of life of the Jewish people. A special emphasis is given to the concepts of Judaism as they are practiced and understood by contemporary members of the Jewish faith.

3 hours a week, 1 semester, 3 credits. Fall 1985, Fall 1987

RS 166 HISTORY OF THE ORTHODOX CHURCH
HIS 239

A survey of the belief, culture and historical development of the Eastern Orthodox Church with emphasis on the national churches.

2 hours a week, 1 semester, 2 credits. Offered on an irregular basis

RS 167 AMERICAN CATHOLICISM

A study of the principal themes, movements, and persons who have shaped the American Catholic experience from the early voyages of exploration until post-Vatican II.

3 hours a week, 1 semester, 3 credits. Fall 1985

RS 171 CONTEMPORARY MESSAGE OF THE NEW TESTAMENT

A study of the mission of Christ: priest, prophet, king. Through a reflective understanding of self and one's relationship with God, the modern Christian's participation in that mission is examined.

3 hours a week, 1 semester, 3 credits. Fall 1984

RS 173 QUEST FOR GOD (formerly Religious Mysticism)

A study of man's prayerful attempts to commune with God as these have developed in both the East and the West. Analysis of the common elements found in the prayer experience as well as the differences from diverse cultures, philosophies and the like.

3 hours a week, 1 semester, 3 credits. Fall 1984, Fall 1986



SOCIAL SCIENCES

Lenore M. Kelly, Ph.D., *Chairman*

The Department of the Social Sciences aims to develop a broad understanding of social, economic, and political problems and to instill in students an interest which may lead to constructive activity in the solution of contemporary problems in these fields.

All courses in the Social Sciences Department are open to the entire student body for election.

Core Courses: POL 102, ECO 120, SOC 100.

Having fulfilled the prerequisites, students may, with departmental guidance, offer other courses within the departmental divisions to fulfull the core.

Major: Students may major in Social Science in general, or they may concentrate in one of the component disciplines.

Social Science Major (General): 30 credits

Required courses: ECO 120, POL 102, SOC 100,
ECO 382 or POL 381* or SOC 381*
*SOC 348 is a prerequisite
Remaining credits within the three divisions of the department: Economics, Political Science, and Sociology-Anthropology

Concentrations: Required for all: ECO 120, POL 102, SOC 100

Economics (24)		*Political Science* (24)		*Sociology-Anthropology* (24)	
ECO 120	3	POL 102	3	SOC 100	3
ECO 122	3	POL 103	3	SOC 347	3
ECO 127	3	POL 105	3	SOC 348	3
ECO 221	3	POL 251 or 252	3	SOC 381	3
ECO 223	3	POL 348	3	Strongly recommended	
ECO 226	3	POL 381	3	ECO 122	3
ECO 228	3	Electives	6	ANT 200	3
ECO 382	3			Electives in SOC	6

A minimum average of C is required in the major courses.

Area of Concentration for Child Study Majors: (21) Students will elect courses with the guidance of the Child Study Department.

ECONOMICS

ECO 120 MACROECONOMICS
(BUS 120)

A description of economic life and problems; the market, pricing of goods and services, business cycle; corporate organization; the banking system; foreign trade; agriculture; labor organization; government expenditures and receipts.

3 hours a week, 1 semester, 3 credits. Fall

ECO 122 STATISTICS
(BUS 122)

Collection and tabulation of statistical data. Sampling. Probability. Binomial distribution and the use of the normal curve.

3 hours a week, 1 semester, 3 credits. Fall

ECO 127 COMPARATIVE ECONOMIC SYSTEMS
(BUS 127)

Study of various methods used to solve economic problems. Survey covers various economic systems from the enterprise system as implemented in the United States to the communist variants in the Soviet Union and Communist China.

3 hours a week, 1 semester, 3 credits. Spring 1987

ECO 161 INTERNATIONAL ECONOMIC PROBLEMS

Survey of current problems covering Common Market, international trade and monetary relations, aid to economic development and various international institutions for the promotion of economic cooperation.

3 hours a week, 1 semester, 3 credits. Spring 1986

ECO 178 ECONOMIC GEOGRAPHY

Geographic distribution of the economic activities of production, distribution, and exchange of goods and services. Particular attention is given to the location of economic activity as a function of unequal factor endowment.

3 hours a week, 1 semester, 3 credits. Spring 1985

ECO 221 LABOR ECONOMICS
(BUS 221)

Analysis of the role of labor in the American economy and of factors which contributed to the changing pattern of industrial relations. Great emphasis on present-day collective bargaining. Discussions include references to current labor issues.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Fall

ECO 223 MONEY AND BANKING
(BUS 223)

The role of money and credit in our economic system. Commercial banks and Federal Reserve System. International money relations.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Spring 1985

ECO 226 MICROECONOMICS
(BUS 226)

Marginal analysis of demand and supply, of the individual firm, of perfect and imperfect competition.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Spring

ECO 228 HISTORY OF ECONOMIC THOUGHT

An analysis of major changes in economic thinking; mercantilism, physiocracy, classical school with its Marxist opposition, historical and marginalistic schools, Marshall, institutionalists, Keynes, and present-day trends.

Prerequisite: Economics 120

3 hours a week, 1 semester, 3 credits. Spring 1987

ECO 382 SEMINAR IN ECONOMICS

Current issues in Economics

Prerequisites: at least 12 credits in the social sciences, and approval of the department.

1 semester, 3 credits. Spring

POLITICAL SCIENCE

POL 102 INTRODUCTION TO POLITICAL SCIENCE

A study of the concepts and theory of government. An analysis of the historical and contemporary nature of the state, political power, legal systems, and political ideologies.

3 hours a week, 1 semester, 3 credits. Fall

POL 103 AMERICAN GOVERNMENT—FEDERAL

A study of the Federal Government of the United States, considering the organization and procedure of the branches of the government; limitations on government powers; the relationship between the Federal Government and the states.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Spring 1986, 1988

POL 104 STATE AND LOCAL GOVERNMENT

A study of government structure, power, and areas of interrelationship of the state and local units, with special emphasis on New York.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall 1984, 1987

POL 105 COMPARATIVE GOVERNMENTS

A study of political and governmental institutions and trends, with special attention to England, France, Germany and Italy.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Spring 1985, 1987

POL 203 POLITICAL AND CIVIL RIGHTS

A study of civil rights, focusing on the four freedoms included in the Bill of Rights; due process of law, substantive and procedural.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall 1984, 1988

POL 210 AMERICAN POLITICAL PARTIES

The origin, organization and activities of political parties in the United States. Current political campaigns, issues and techniques wiill be stressed.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall 1986

POL 251 HISTORY OF POLITICAL THOUGHT

A critical analysis of the political thought of selected writers, from Plato to Marx, relating their ideas to the political, social, and religious environment in which they arose, and indicating their continued significance.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Spring 1986, 1988

POL 252 MODERN POLITICAL THOUGHT

An analysis of the roots of modern democratic and non-democratic political thought, with emphasis on nineteenth century liberalism, Hegel, Marx, Nietzsche, and totalitarianism.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Spring 1985, 1987

POL 280 CONSTITUTIONAL LAW

A study of the Constitution of the United States: its origin, theory, and development; a consideration of constitutional interpretation by the United States Supreme Court in leading constitutional decisions.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall 1985, 1987

POL 293 AMERICAN URBAN POLITICS

An analysis of the conflicts and tensions in the structure of the urban political systems.

Field work may be substituted, under supervision and with special permission. The hours and credit will be arranged.

Prerequisite: POL 102

3 hours a week, 1 semester, 3 credits. Fall 1985, 1988

POL 300 THE DYNAMICS OF POLITICS

An introduction to the complex and varied subjects of politics and government, and their relevance to our lives.

Prerequisite: POL 102 and permission of Department

3 hours a week, 1 semester, 3 credits. Offered on an irregular basis

POL 310 INTERNATIONAL LAW

The nature and scope of international law; the organization of the community of nations; selected substantive rules of international law.

Prerequisite: POL 102 and permission of Department

3 hours a week, 1 semester, 3 credits. Fall 1986

POL 348 RESEARCH METHODS
(SOC 348)

Theory and practice in the research process with emphasis on the statement of a problem, sampling, and various techniques of collecting and analyzing data.

Prerequisite: Sociology 100

3 hours a week, 1 semester, 3 credits. Fall 1984, 1986

POL 381 SEMINAR IN POLITICAL SCIENCE

Current issues in Political Science.

Prerequisites: POL 348 and at least 12 credits in Political Science for majors or 12 credits in Social Sciences with the approval of the department.

1 semester, 3 credits. Spring 1985

SOCIOLOGY-ANTHROPOLOGY

SOC 100 INTRODUCTORY SOCIOLOGY

A study of the basic concepts used in sociological analysis, particularly culture, types of social groups, processes of interaction, social class, population traits and trends.

3 hours a week, 1 semester, 3 credits. Fall and Spring

SOC 136 SOCIAL PROBLEMS

An examination of what society considers to be social problems with a view toward showing how society produces these phenomena and to what extent they are solvable. Areas include: crime, mental illness, drug abuse, alcoholism, other forms of deviance, poverty, racism, conflicts over power.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 146 SEX ROLES IN CONTEMPORARY SOCIETY

Introductory review of economic, social and cultural changes that have modified the traditional definitions of femininity and masculinity in Western societies. Discussions include: socialization, sexual behavior, marriage and alternative life styles.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Fall 1985, 1987

SOC 149 ETHNIC STUDIES

Problems of adjustment and assimilation of minorities to the American culture, focusing on the experience of the Irish, Italians, Jews, Puerto Ricans, and Blacks in New York. Additionally, theories will be applied cross-culturally.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 220 SOCIOLOGY OF DEVIANT BEHAVIOR

An examination of the various sociological approaches to understanding and explaining crime, delinquency, deviance, drug usage, and other alleged aberrations in society and culture. Additionally, major case studies will be examined.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

SOC 233 AMERICAN SOCIETY

An analysis of institutional structures in the U.S. Special attention will be given to the business corporation, national government, the new middle class, religion, education, and contemporary ideologies.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Fall 1985, 1987

SOC 235 PUERTO RICAN COMMUNITY

A study of the Puerto Rican community in New York, their island background, and migration experiences.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Fall 1984, 1986

SOC 237 SOCIAL STRATIFICATION

Topics include: the values, life styles and ideologies of the various classes; the relationship of the classes to economic, political and educational institutions; changes in the class structure.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Spring 1986, 1988

SOC 238 SOCIAL PSYCHOLOGY

See Psychology 251.

SOC 239 SOCIOLOGY OF RELIGION

A theoretical examination of the character and internal structure of religious institutions, and their relationship with other institutions of society.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

SOC 240 INTRODUCTION TO SOCIAL WORK

Scientific approach to social work as a profession within the structure of modern society; its principles and application of concepts.

Techniques of observation, interviewing, elements of a social history, interpretation of case material. Methods of casework, group work, community organization; role of the social worker functioning in a variety of settings—as practitioner, as consultant to allied fields.

This is a pre-professional course and may not be offered for core curriculum.

3 hours a week, 1 semester, 3 credits. Fall 1985

SOC 241 EXPERIENCE IN SOCIAL WORK

A planned field experience in a community social work agency; regular seminar meetings to evaluate, discuss and interpret this experience.

Prerequisite: Soc. 240

Hours to be arranged, 1 semester, 3 credits. Spring 1986

SOC 243 CRIMINOLOGY

Topics include: the notion of crime; social power in defining criminal activities; the criminal class in the social consciousness; institutions related to crime; criminal careers; problems of correction.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Fall

SOC 245 URBAN SOCIETY

Study of the scale and pace of urbanization both in and outside the United States, with special interest in the cities in the process of modernization; American city analyzed from the viewpoint of ecology.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Fall 1984, 1986

SOC 250 SOCIAL CHANGE

Theories of social change will be examined in light of economic, social, political, and cultural transformations which characterize industrializing and modern industrial societies.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Spring 1985, 1987

SOC 256 SOCIOLOGY OF EDUCATION

A critical examination of the role of education in American society.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Not offered 1984-85

SOC 270 MEDICAL SOCIOLOGY

An examination of social factors in the health field

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Spring 1986, 1988

SOC 347 SOCIOLOGICAL THEORY

The development and continuities of theoretical concepts and orientations in sociology against the intellectual and social backgrounds of their times. Differing schools of thought and representative works.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Fall 1985, 1987

SOC 348 RESEARCH METHODS
(POL 348)

Theory and practice in the research process with emphasis on the statement of a problem, sampling, and various techniques of collecting and analyzing data.

Prerequisite: Soc. 100

3 hours a week, 1 semester, 3 credits. Fall 1984, 1986

SOC 359 INDEPENDENT STUDY IN SOCIOLOGY

An opportunity for the student to do advanced work in a specialized area.

Open to juniors and seniors in Sociology Department, with departmental approval.

3 credits. On demand.

SOC 381 SEMINAR IN SOCIOLOGY

Intensive individual research of a topic of interest in the field of Sociology, terminating in a written report; weekly group discussions.

Prerequisite: Soc. 348

2 hours a week, 1 semester, 3 credits. Spring 1985, 1987

ANT 200 GENERAL ANTHROPOLOGY

This course explores the nature of man as an evolving, culture-creating, and responsive creature living in organized societies. Stress is placed on the diversity of life experiences through human history. The use of case histories in the context of the comparative method enables the student to gain knowledge and understanding of himself and of a wider world

3 hours a week, 1 semester, 3 credits. Fall 1985

SPEECH COMMUNICATION

Eileen R. Capone, M.F.A., *Departmental Representative*

The purpose of speech training is to provide students with the means for effective oral communication. Courses in the Speech Communication Department are planned so that students may develop confidence and poise, become better listeners, learn how to get and hold attention in speech situations, acquire the means of effectively expressing their convictions and receive training in the skills of interpretative reading and character portrayal. Training in the speech arts and sciences prepares students for a variety of careers in a society that is becoming increasingly dependent upon effective oral communication and more aware of those with communication handicaps.

The Speech Communication Department provides clinical services for undergraduates who wish to improve their voice and speech patterns.

Core Course: Speech Communication 102 is the recommended core course for freshmen and is prerequisite for most courses.

Major

In keeping with the liberal arts tradition of the College, a general major is offered with courses selected from the arts and sciences of Speech Communication. An average grade of B— must be maintained.

Students may major in Speech Communication under Plan A or Plan B

Plan A (30 Credits)

30 credits selected from the entire range offered and with departmental guidance according to the students' interests and needs.

Students who major under Plan A or Plan B may count five credits in English toward the required 30-credit major. These credits should be selected from among the following: English 330, 331, 231, 232.

Plan B (30 Credits)

SPC 102	3
SPC 117	3
SPC 124	3
SPC 132	3
SPC 135	3
SPC 212	3
SPC 219	3
SPC 222	3
SPC 321	3
SPC 324	2/3

Plan B can lead to Provisional Certification as Teacher of Speech. See Education Department.

Acceptance of transfer credits is at the discretion of the Chairman.

Area of Concentration (21 Credits Required)

Speech Pathology		Communication Arts	
SPC 102	3	SPC 102	3
SPC 212	3	SPC 106	3
SPC 219	3	SPC 117	3
SPC 222	3	SPC 124	3
SPC 320	2/3	SPC 132	3
SPC 321	3	SPC 135	3
SPC 324	2/3	SPC 225	2

The remaining credits required for the Area of Concentration may be selected with departmental guidance from the entire range offered according to the students' needs.

SPC 102 SPEECH COMMUNICATION

A study of the speech communication process — its basic theories and principles and their application in guided speech experiences, including public speaking, interpretative reading and group discussion.

3 hours a week, 1 semester, 3 credits. Fall and Spring

SPC 106 SPEECH COMMUNICATION IN ORGANIZATIONS

The study of speech communication in business, professional and community organizations. Group discussion, interviews, listening skills, and the planning of presentations and meetings are emphasized.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall

SPC 110 SIGN LANGUAGE

Introduction to basic Signed English, receptive and expressive. Emphasis on manual alphabet, basic vocabulary and sentence structure.

Preference given to Seniors and Speech students.

This course may not be offered for the Core Curriculum.

2 hours a week, 1 semester, 2 credits. Fall and Spring

SPC 114 VOICE AND ARTICULATION

Designed for the acquisition of improved enunciation and vocal skills. Rules for correct pronunciation, inflectional patterns and vocal projection are studied and practised.

This course may not be offered for the Core Curriculum.

2 hours a week, 1 semester, 2 credits. Fall and Spring

SPC 117 ORAL INTERPRETATION OF LITERATURE

The aim of the course is to stimulate the appreciation of literature through study and practice in the oral interpretation of poetry, narrative prose, and dramatic literature. Techniques of Reader's Theatre and Choral Speaking included.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Spring

SPC 124 CHILDREN'S LITERATURE AND ORAL EXPRESSION

An appreciation of our rich heritage of children's literature through exposure to noted stories, authors and illustrators (both historic and modern). Experiences in storytelling and creative interpretation of children's literature through various media such as dramatics or puppetry.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall and Spring

SPC 132 FUNDAMENTALS OF ACTING

Fundamentals of acting including character analysis and pantomime. Improvisations and theatre games will provide opportunities for the application of theory.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Spring 1987

SPC 135 FUNDAMENTALS OF PLAY PRODUCTION

A study of the principles involved in the mechanical aspects of play production: organization and direction of amateur dramatic groups; practice in stage design and the business of house management.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall 1986

SPC 212 PHONETICS

Detailed study of the phonemes of English; transcription of standard and non-standard pronunciations and dialects in the International Phonetic Alphabet

Prerequisite: SPC 102

2 hours and 1 laboratory hour a week, 3 credits. Spring 1986, 1988

SPC 219 INTRODUCTION TO COMMUNICATION DISORDERS

A study of the normal development of speech and language and the causes and symptoms of speech and language disorders. Functional disorders are given special emphasis.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall 1985, 1987

SPC 222 AUDIOLOGY

A study of the anatomy and physiology of the hearing mechanism; the types of hearing loss; audiometric procedures; hearing aids and rehabilitation.

Prerequisite: SPC 102

2 class hours and 1 laboratory hour a week, 1 semester, 3 credits. Fall 1986, 1988

SPC 223 SPEECH READING AND AUDITORY TRAINING

Study of the basic principles of speech reading and auditory training. Methods and materials in both areas and their application in the training of the acoustically handicapped.

Prerequisite: SPC 102

2 hours a week, 1 semester, 2 credits. The student has the option of earning 1 additional credit by compllleting a guided research project Spring 1985, 1987

SPC 225 PSYCHOLOGY OF SPEECH COMMUNICATION

The psychological study of communication including the nature, origins and functions of speech, processes in the acquisition of language, pathologies of linguistic behavior, psycholinguistic theories, changes in language and psychological factors in individual and group communication situations.

Prerequisite: SPC 102

2 hours a week, 1 semester, 2 credits. Spring

SPC 320 STUDIES IN SPEECH AND HEARING DISORDERS

An intensive study of major speech and hearing disorders. Diagnostic and remedial techniques. Organic speech pathologies emphasized.

Prerequisite: SPC 219 (or permission from the Dept.)

2 hours a week, 1 semester, 2 credits. The student has the option of earning 1 additional credit by completing a guided research project. Spring 1986, 1988

SPC 321 CLINICAL PROCEDURE AND PRACTICE

Case demonstrations in diagnosis and remedial treatment. Supervised practice in clinical work.

Prerequisite: SPC 219

2 class hours and 2 laboratory hours per week, 3 credits. Fall 1984, 1986

SPC 324 VOICE AND SPEECH SCIENCE

Study of the anatomy, physiology, and physics of the vocal and speech apparatus, as well as a survey of research in voice and speech science.

Prerequisite: SPC 102

2 hours a week, 1 semester, 2 credits. One optional additional credit for research project. Spring 1985, 1987

INTERDISCIPLINARY COURSES

The courses listed in this section are interdisciplinary in nature. Members of the different departments teach the appropriate section of each course. The departments to which they may be credited are listed.

HIS 239 HISTORY OF THE ORTHODOX CHURCH
RS 166

Survey of the belief, culture and historical development of the Eastern Orthodox Church with emphasis upon the national churches.

Team taught by members of the History and Religious Studies Departments.

2 hours a week, 1 semester, 2 credits. Offered on an irregular basis.

HUM 102 THE CATHEDRAL OF BOURGES

An interdisciplinary course involving the artistic, cultural, philosophical, scientific, and socio-literary dimensions of a single treasure: the Cathedral of Bourges.

This course may be offered toward the Humanities requirement of the Core Curriculum.

2 or 3 credits. Intersession 1985

SCI 101 THE ASCENT OF MAN
HUM 101

Based on the work of Dr. Jacob Bronowski, this course traces the development of science and art as expressions of the special gifts that characterize man and that have made him unique among the animal species. Emphasis is placed on processes of thought and imagination which are involved in the various attempts made by man to analyze and understand the nature of the universe and of himself.

This course may be offered for the core curriculum requirements as a non-lab science course, or as a course in the humanities.

Guided independent study

3 credits. Fall

SCI 130 CHEMISTRY AND NUTRITION

This investigation of the chemicals in the diet includes nutrients and their sources, vitamins, food additives. Some of these chemicals are studied in terms of their reactions and interactions in metabolic pathways. Contemporary diets and "fast foods" are evaluated, and disorders related to improper diet are considered.

This course is appropriate to satisfy non-laboratory science core course requirements.

3 hours a week, 1 semester, 3 credits. Summer 1985

AREA STUDIES

Students interested in the following areas will find the course descriptions in the department listings.

American Studies

English 125	Psychology in American Fiction
English 154	The American Dream
English 257	Colonial and Early National American Literature
English 258	American Renaissance
English 259	Modern American Novel
History 170	American Heritage I (1763—1877)
History 172	American Heritage II (1877—Present)
History 310	American Foreign Policy
History 321	American Social and Intellectual History
History 331	The Colonial Experience in America, 1607—1776
History 335	American Civil War and Reconstruction
History 340	History of New York: State and City
History 346	Brooklyn Rediscovery
Pol. Sc. 103	American Government—Federal
Pol. Sc. 104	American Government—State and Local
Pol. Sc. 280	American Constitutional Law
Pol. Sc. 203	American Political and Civil Rights
Soc. 233	American Society

Creative Expression

The following are all studio workshop courses.

Art 182	Introduction to Studio Techniques
Art 183	Drawing
Art 184	Painting
Art 185	Art as Communication
Art 186	Ceramics
Art 187	Interior Design
Art 190	Ceramic Sculpture
Art 288	Independent Study in Various Media
Art 289	Printmaking
Dance 101	Technique & Sources of Modern Dance
Dance 201	Technique & Sources of Modern Dance
English 104	Narrative Writing
English 105	Creative Writing
English 106	Intermediate Fiction Writing
English 107	Advanced Fiction Writing

Drama and Theatre

English 122	American Playwrights
English 231	Comedy
English 232	Tragedy
English 330	Shakespeare I
English 331	Shakespeare II
French 241	Workshop in Classical French Comedy: Moliere
French 253	The Theatre of the Absurd
French 254	Workshop in Twentieth Century French Drama
Italian 241	The Theatre of the Mind: Pirandello
Spanish 241	Contemporary Spanish Tragedy: Lorca
Speech Com. 132	Fundamentals of Acting
Speech Com. 135	Fundamentals of Play Production

Latin American Studies

History 250	Latin America
Spanish 232	Latin America: Culture and Civilization
Spanish 320	Spanish American Poetry from "Modernismo" to the Present
Sociology 235	Puerto Rican Community

Russian Studies

History 231	Medieval Russia
History 232	Modern Russia
History 239	History of the Orthodox Church

Urban Studies

History 263	World Cities
Pol. Sc. 104	State and Local Government
Pol. Sc. 210	American Poitical Parties
Soc. 136	Social Problems
Soc. 149	Ethnic Studies
Soc. 236	Puerto Rican Community
Soc. 240	Introduction to Social Work
Soc. 241	Experience in Social Work
Soc. 243	Criminology
Soc. 245	Urban Society
Soc. 250	Social Change

CERTIFICATE PROGRAMS

St. Joseph's College, Main Campus, offers the following certificate programs, which are registered with the New York State Education Department. The certificate programs allow students to combine courses in their major field and/or in electives in order to develop knowledge and skill in a particular area oriented to a career interest.

All credits for the certificate programs must be taken at St. Joseph's College; any exception would require departmental approval. A cumulative index of 2.0 is required for all certificates.

Descriptions of the courses listed below may be found in the appropriate department sections of this catalogue.

CERTIFICATE IN DATA AND INFORMATION PROCESSING

This certificate is designed to provide an introduction to the computer and its applications. Specifically, students will learn common uses of the microprocessor such as word processing, will develop essential programming skills, and will apply this knowledge to frequently encountered tasks within their professional areas.

Required Courses for Certificate — 6 credits

MAT 150 Introduction to Computers (or equivalent)
BUS 284 Microprocessor Applications

Elective Courses for Certificate — 6 credits

Business Track:
BUS 286 Introduction to Business Programming
(Prerequisite: A computer course)
BUS 288 Business Systems and Design
(Prerequisite: A computer course)

Liberal Arts Track:
MAT 152 Computer Programming
(Prerequisite: MAT 150 or permission of department)
MAT 154 Applications of the Computer
(Prerequisite: MAT 150 or permission of department)

Total Required for Certificate — 12 credits

CERTIFICATE IN GERONTOLOGY

This program of multidisciplinary studies in the field of aging will enable students pursuing various careers to function more effectively as service providers to older adults.

Required Courses for Certificate — 9 credits

CH 451 Gerontology

PSY 230 Adult Development and Aging
(Prerequisite: PSY 100)

RS 145 Theology of Death and Dying

An Approved Gerontological Field/Clinical Experience — 3 credits

PSY 370 Introduction to Clinical Psychology
(Prerequisite: PSY 100, 271, permission of instructor)

SOC 241 Experience in Social Work
(Prerequisite: SOC 240)

Total Required for Certificate — 12 credits

CERTIFICATE IN LEADERSHIP AND HUMAN RESOURCES DEVELOPMENT

This certificate is designed to improve supervisory and managerial effectiveness. Through selected courses and a case-study orientation, the participants will learn to apply prominent theories and practices in employee management and development to commonly encountered problems and situations.

Required Courses for Certificate — 9 credits

BUS 100 Process of Management

BUS 130 Organizational Behavior
(Prerequisite: BUS 100)

BUS 230 Human Resources Management
(Prerequisite: BUS 100)

Elective Courses for Certificate — 3 credits

BUS 221 Labor Economics
(Prerequisite: ECO 120)

PSY 185 Industrial Psychology

Total Required for Certificate — 12 credits

CERTIFICATE IN MANAGEMENT

This program is designed to educate students for the management of organizations in the business, non-profit, or public sectors; the latter includes the operations of the federal, state, and local government. It is available to students pursuing any major.

Required Business Courses		12 credits
BUS 100	Process of Management	
BUS 110	Principles of Accounting	
BUS 130	Organizational Behavior (Prerequisite: BUS 100)	
BUS 230	Human Resources Management (Prerequisite: BUS 100)	

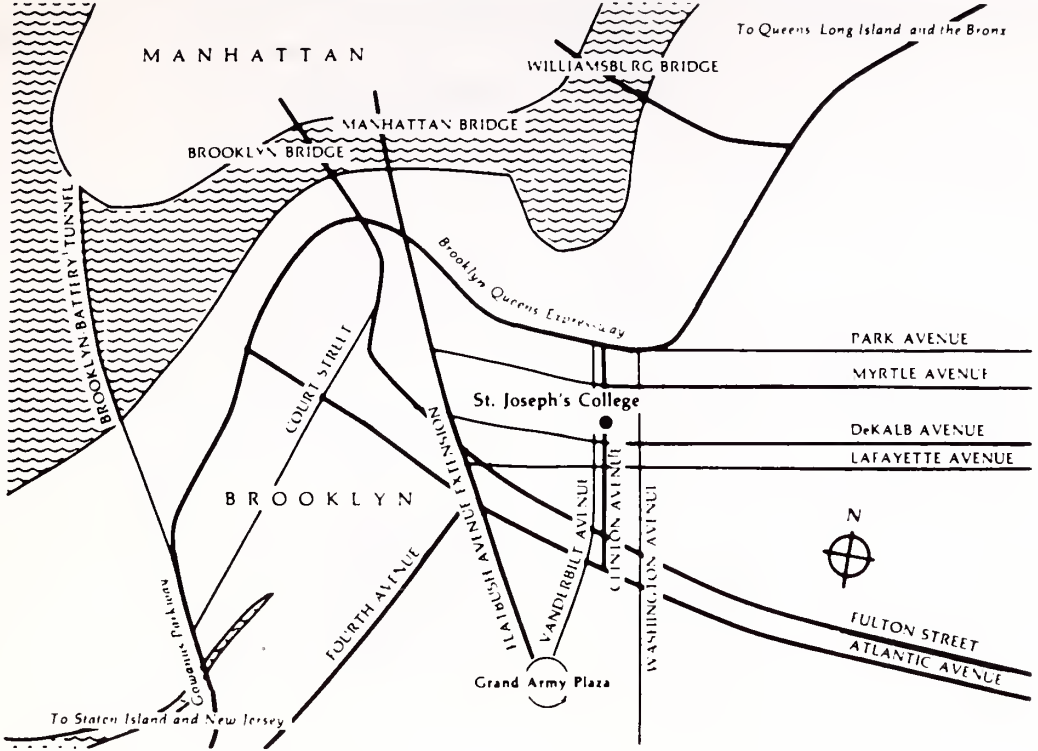
Elective Business Courses	9 credits
Three additional courses in Business	

Required Courses in Related Fields		6 credits
ENG 103	Writing for Effective Communication	
MAT 150	Introduction to Computers	

Total Required for Certificate	27 credits



Area Map of Clinton Hill and Downtown Brooklyn



LOCATION

St. Joseph's College is located in the Clinton Hill section of Brooklyn.

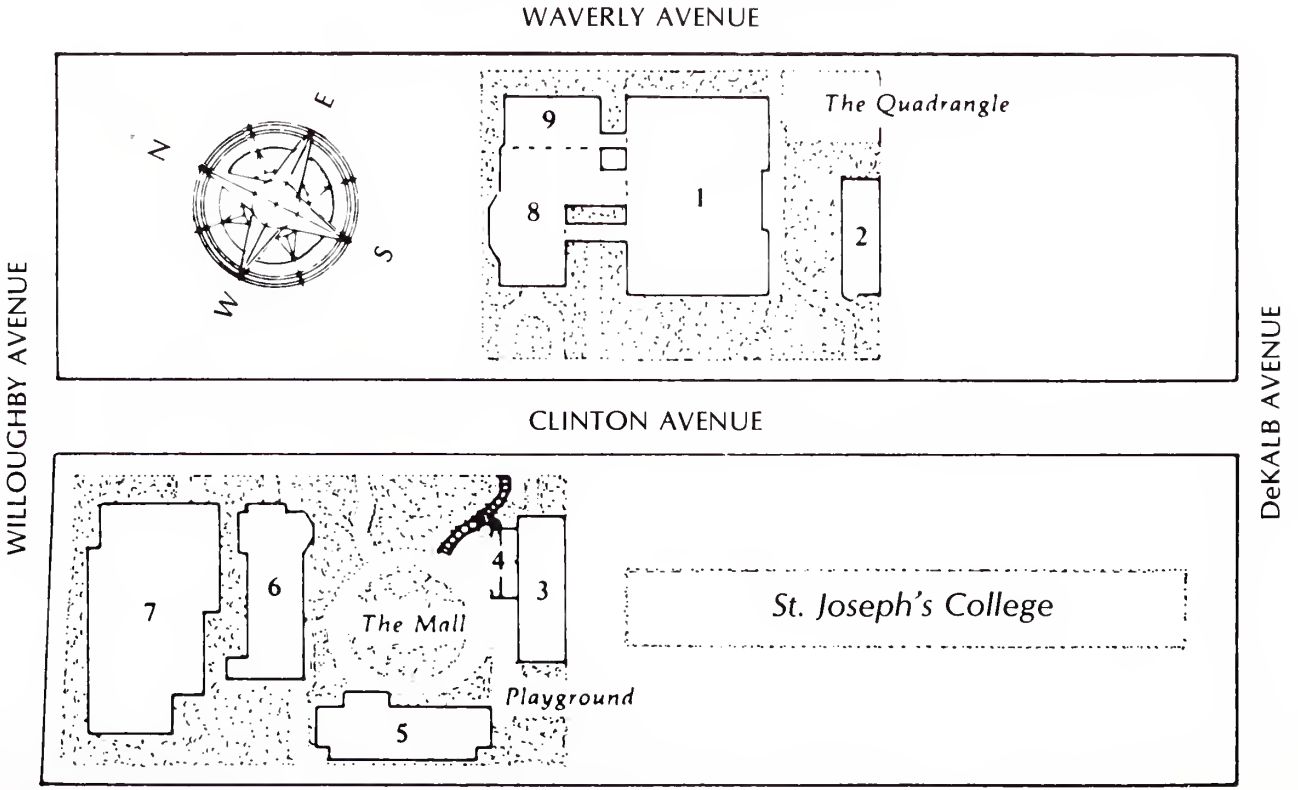
The College may be reached via:

BUS: DeKalb Avenue Bus (No. 38) to Clinton Avenue
Vanderbilt Avenue Bus (No. 69) to DeKalb Avenue
Crosstown Bus (No. 61) to Vanderbilt Avenue
Myrtle Avenue Bus (No. 54) to Clinton Avenue

TRAIN: Brooklyn-Queens Local "GG" to Clinton-Washington Station

CAR: Atlantic Avenue
Clinton Avenue
Myrtle Avenue
Park Avenue
Vanderbilt Avenue
Washington Avenue
Brooklyn-Queens Expressway: Exit 31, Wythe-Kent (from Queens) or Flushing Avenue (from downtown Brooklyn)

BROOKLYN CAMPUS MAP



LEGEND

1. Sister Vincent Therese Hall
 - Administration Offices
 - Alumni Room
 - Art Studio
 - Auditorium
 - Business Office
 - Chemistry Laboratories
 - Classrooms
 - Computer Facilities
 - Gymnasium
 - Little Theatre
 - Physics Laboratories
 - Student Lounges

2. Lorenzo Hall
 - Division of General Studies —Administrative Offices
 - Department Offices
 - Meeting Rooms
 - Student Publications Office

3. Faculty Residence—Priests

4. Thomas E. Molloy Memorial Outdoor Theatre

5. Dillon Child Study Center
 - Child Study Department Offices
 - Library, Observation Rooms
 - Preschool
 - Testing, Speech, and Remedial Offices

6. Faculty Residence—Sisters

7. McEntegart Hall
 - Audiovisual Rooms
 - Cafeteria and Snack Bar
 - Chapel
 - Classrooms
 - Computer Laboratory
 - Library
 - Listening Room
 - Microprint Lab
 - Student and Faculty Lounges

8. "245"
 - Biology Laboratories
 - Chapel
 - Faculty Residence
 - Formal Dining Room
 - Parlors
 - Student Government Offices
 - Student Lounge

9. Student Lounge

10. Garage

11. Parking Lot

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Denise Tighe	Assistant Teacher

Standing Committees of the College

List of committees and chairmen will be found in *Faculty* and *Student Handbooks.*

Alumni Association

The College is committed to the belief that its responsibility to its graduates never ends. For this reason, it supports Alumni religious, cultural, and social activities wholeheartedly and offers to the Association the use of its facilities and the benefit of its assistance. The Alumni Office is located in the Administration Building at the Main Campus.

The Alumni Association of St. Joseph's College is organized to promote the interest of the College by continuing the close relationship between the college and its former students that was developed during their undergraduate days. Its membership includes all those upon whom the College has conferred a degree and those who have matriculated and indicated a desire to remain associated with the College.

It is governed by an Executive Board composed of fifteen elected alumni, who work in conjunction with the Director of Alumni Relations and the Chapter Chairmen. The Alumni Association provides a scholarship aid program for sons and daughters of alumni. A magazine, *Alumnagram*, is published twice yearly for the more than 7000 alumni.

INSTRUCTIONAL PROGRAMS

Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards. The following programs have been registered by the New York State Education Department for St. Joseph's College Main Campus in Brooklyn.

Program Title	HEGIS Code	Degree Awarded	Certificate/License Title	Type
Biology	0401	BA		
Biology	0401	BS		
Biology "7-12"	0401.01	BA	Biology 7-12	Prov
Biology "7-12"	0401.01	BS	Biology 7-12	Prov
Business Administration	0506	BS		
Elementary "N-6"	0802	BA	N-6	Prov
Teachers of Special Education	0808	BA	Special Educ	Prov
French	1102	BA		
French "7-12"	1102.01	BA	French 7-12	Prov
Spanish	1105	BA		
Spanish "7-12"	1105.01	BA	Spanish 7-12	Prov
*Health Administration	1202	BS		
*Community Health	1299	BS		
Child Study	1305	BA		
English	1501	BA		
English "7-12"	1501.01	BA	English 7-12	Prov
Speech	1506	BA		
Speech	1506.01	BA	Speech	Prov
Mathematics	1701	BA		
Mathematics	1701	BS		
Mathematics "7-12"	1701.01	BA	Mathematics 7-12	Prov
Mathematics "7-12"	1701.01	BS	Mathematics 7-12	Prov
Chemistry	1905	BS		
Chemistry	1905	BA		
Chemistry "7-12"	1905.01	BA	Chemistry 7-12	Prov
Chemistry "7-12"	1905.01	BS	Chemistry 7-12	Prov
Psychology	2001	BA		
Recreation	2103	BS		
Social Sciences	2201	BA		
Social Studies "7-12"	2201.01	BA	Social Stud 7-12	Prov
History	2205	BA		

*Administered through the Division of General Studies

INSTRUCTIONAL PROGRAMS

Program Title	HEGIS Code	Degree Awarded	Certificate/License Title	Type
*General Studies	4901	BS		
**Management	5004	CERT		
**Leadership & Human Resources Development	5004	CERT		
**Data and Information Processing	5101	CERT		
*Health Staff Development	5201	CERT		
*Health Instruction	5201	CERT		
*Health Counseling	5201	CERT		
**Gerontology	5506.20	CERT		

*Administered through the Division of General Studies

**Available in both the College of Arts and Sciences and the Division of General Studies

Estimated Number of Part-Time Faculty
Brooklyn Campus

Department			
Art	0	Mathematics	1
Biology	0	Music	1
Business	2	Philosophy	0
Chemistry	0	Physical Education	2
Child Study	2	Physics	0
Dance	1	Political Science	1
Economics	0	Psychology	0
Education	3	Religious Studies	0
English	0	Sociology/Anthropology	0
French/Italian	1	Spanish	1
History	0	Speech Communication	3

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